



2022
Industrial
Panel PCs

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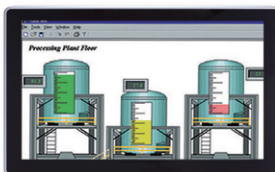


New Product Highlights

Heavy-duty FanlessTouch Panel Computers

GOT315W-521 >>Page 25

15.6" WXGA TFT Multi-touch Panel Computer with LGA1151 9th/8th 314Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W)



- 15.6" WXGA projected capacitive multi-touch widescreen
- Fanless design with LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W)
- Supports WLAN module and antenna (optional)
- 2.5" SATA HDD/SSD
- 2 LAN, 4 USB, 2 COM, 1 HDMI, 1 DisplayPort, and 1 VGA
- IP65-rated aluminum front bezel
- Supports panel mount, VESA mount, and wall mount

GOT318W-521 >>Page 29

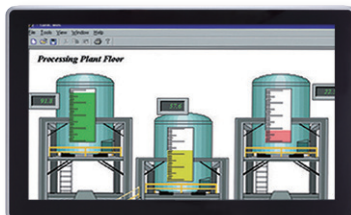
18.5" FHD TFT Multi-touch Panel Computer with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W)



- 18.5" FHD projected capacitive multi-touch or 5-wire resistive touch
- Fanless design with LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W)
- Supports WLAN module and antenna (optional)
- 2.5" SATA HDD/SSD
- 2 LAN, 4 USB, 2 COM, 1 HDMI, 1 DisplayPort, and 1 VGA
- IP65-rated aluminum front bezel
- Supports panel mount, VESA mount, and wall mount

GOT321W-521 >>Page 35

21.5" FHD TFT Expandable Touch Panel Computer with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W)



- 21.5" FHD 10-point multi-touch projected capacitive widescreen or 5-wire resistive touch
- Fanless design with LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W)
- Supports WLAN module and antenna (optional)
- 2.5" SATA HDD/SSD
- 2 LAN, 4 USB, 2 COM, 1 HDMI, 1 DisplayPort, and 1 VGA
- IP65-rated aluminum front bezel
- Supports panel mount, VESA mount, and wall mount

Stainless Touch Panel Computers



GOT812W-511 >>Page 45

12.1" WXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT or Resistive TouchPanel Computer with Intel® Core™ i5-7300U Processor and Flat Bezel Design (-20°C to +50°C)

- 12.1" TFT flat bezel LCD display
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless-steel enclosure with SUS 316
- -20°C to +50°C wide operating temperature range
- Fanless design with Intel® Core™ i5-7300U processor
- Optional Wi-Fi/3G kit for wireless network connectivity
- 9 to 36 VDC wide range power input
- Supports VESA mount
- M12 type connectors for harsh environments



GOT815W-511 >>Page 51

15.6" FHD TFT IP66 & IP69K-rated Stainless Steel Fanless PCT or Resistive TouchPanel Computer with Intel® Core™ i5-7300U Processor and Flat Bezel Design (-20°C to +50°C)

- 15.6" FHD TFT flat bezel LCD display
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless-steel enclosure with SUS 316
- -20°C to +50°C wide operating temperature range
- Fanless design with Intel® Core™ i5-7300U processor
- Optional Wi-Fi/3G kit for wireless network connectivity
- 9 to 36 VDC wide range power input
- Supports VESA mount
- M12 type connectors for harsh environments

Modular Panel PCs



ITC210 >>Page 72

21.5" FHD TFT LCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card

- 21.5" full HD TFTLCD
- 16:9 aspect ratio; 250 nits brightness
- Slim bezel shape under 50 mm thickness
- Projected capacity touch supported (10-point touch)
- Swappable Intel® SDM CPU card design
- Metal frame structure for various applications
- Supports add-on modules and mounting kits (optional)

Industrial Touch Monitors



P6103W-V3 >>Page 78

10.1" WXGA TFT Widescreen Industrial LCD Monitor

- 10.1" WXGA TFT LED backlight LCD
- Projected capacitive multi-touch
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, and VESA arm
- Full range screw-type (locked) AC-in
- DP, VGA, and HDMI with multi-signal inputs



Industrial Touch Monitors

P6121-V3 >>Page 80

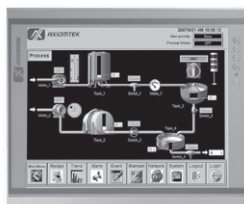
12.1" XGA TFT Industrial LCD Monitor



- 12.1" XGA TFT LED backlight LCD
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, and VESA arm
- Resistive touchscreen
- 24 VDC power input
- HDMI, DisplayPort, and VGA with multi-signal inputs

P6151-V3 >>Page 82

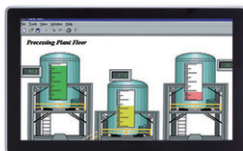
15" XGA TFT Industrial LCD Monitor



- 15" XGA TFT 420 nits LCD
- Resistive touch
- NEMA 4/12 (IP65) compliant front bezel
- Full range screw-type (locked) AC-in or 24 VDC in (optional)
- HDMI, DisplayPort, and VGA with multi-signal inputs
- Supports panel mount, wall mount, and VESA mount
- Built-in speakers

P6157W-V3 >>Page 84

15.6" WXGA TFT Widescreen Industrial LCD Monitor



- 15.6" WXGA TFT 400 nits LCD with projective capacitive multi-touch
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, and VESA mount
- Full range screw-type (locked) AC-in or 24VDC in (optional)
- VGA, HDMI and DisplayPort, with multi-signal inputs

P6171-V3 >>Page 86

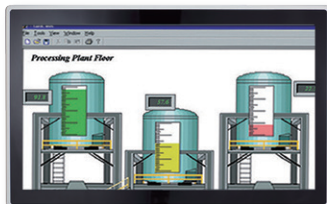
17" SXGA TFT Industrial LCD Monitor



- 17" SXGA TFT LED backlight LCD
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, rack mount, and VESA arm
- Resistive touchscreen
- Full range screw-type (locked) AC-in or 24VDC in (optional)
- HDMI, DisplayPort, and VGA with multi-signal inputs

P6187W-V3 >>Page 88

18.5" WXGA TFT Widescreen Industrial LCD Monitor



- 18.5" WXGA TFT 450 nits with projective capacitive multi-touch
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, and VESA mount
- 24 VDC power input
- VGA, HDMI and DisplayPort, with multi-signal inputs

Industrial Touch Monitors



P6191-V3 >>Page 90

19" SXGA TFT Industrial LCD Monitor

- 19" SXGA TFT LED backlight LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panelmonitor
- Supports panel mount, wall mount, rack mount, and VESA arm
- Resistive touchscreen
- 24 VDC power input
- VGA, HDMI, and DisplayPort with multi-signal inputs



P6217W-V3 >>Page 92

21.5" FHD TFT Widescreen Industrial LCD Monitor

- 21.5" FHD TFT 250 nits with projective capacitive multi-touch
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, and VESA mount
- Full range screw-type (locked) AC-in or 24 VDC in (optional)
- VGA, HDMI, and DisplayPort with multi-signal inputs

Transportation Touch Panel Computers & Monitors



P710 >>Page 101

10.4" XGA TFT LCD Railway Touchscreen Monitor [-25°C to +55°C]

- EN 50155 and EN 45545 certified railway monitor
- 10.4" high brightness XGA TFT touchscreen LCD
- Wide viewing angle and a high brightness of 500 nits
- Supports VGA, DVI-D, and HDMI
- Light sensor for auto-dimming
- Typical 24 to 110 VDC wide power input range
- -25°C to +55°C wide temperature range
- Supports 5 OSD keys on the front bezel



P712 >>Page 103

12.1" XGA TFT LCD Railway Touchscreen Monitor [-25°C to +55°C]

- EN 50155 and EN 45545 certified railway monitor
- 12.1" high brightness XGA TFT touchscreen LCD
- Wide viewing angle and a high brightness of 600 nits
- Supports VGA, DVI-D, and HDMI
- Light sensor for auto-dimming
- Typical 24 VDC to 110 VDC wide power input
- -25°C to +55°C wide temperature range
- Supports 5 OSD keys on the front panel

1

Fanless Touch Panel Computers

The GOT100/GOT5000 series features fanless operation, ultra slim, and modern ID design. Incorporating the low power consumption Intel® Celeron®/Pentium® processors and an ultra slim housing makes this product line a perfect choice for various applications across many industries.

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GOT107W-319	7" WSVGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3350 or Intel® Pentium® Processor N4200	11
GOT110-316	10.4" XGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3350 or Intel® Pentium® Processor N4200	13
GOT115-319	15" XGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3350 or Intel® Pentium® Processor N4200	15
GOT5103W-845	10.1" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® N3060 Processor or Intel® Pentium® N3710 Processor	17
GOT5153W-845	15.6" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060	19

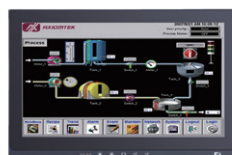
Industrial Panel PCs

Fanless Touch Panel Computers

Selection Guide



Features/Models	GOT107W-319	GOT110-316	GOT115-319
CPU Level	Intel® Celeron® N3350, up to 2.4 GHz Intel® Pentium® N4200, up to 2.5 GHz	Intel® Celeron® N3350, up to 2.4 GHz Intel® Pentium® N4200, up to 2.5 GHz	Intel® Celeron® N3350, up to 2.4 GHz Intel® Pentium® N4200, up to 2.5 GHz
Chipset	SoC integrated	SoC integrated	SoC integrated
System Memory	1 x 204-pin DDR3L SO-DIMM, up to 8GB	1 x 204-pin DDR3L SO-DIMM, up to 8GB	1 x 204-pin DDR3L SO-DIMM, up to 8GB
Display	7" WSVGA TFT LCD, 320 nits	10.4" XGA TFT LCD, 350 nits	15" XGA TFT LCD, 300 nits
I/O	1 x RS-232/422/485 1 x RS-232 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 1 x Screw type connector for power 1 x ATX/AT selectable switch 1 x Power button	1 x RS-232/422/485 1 x RS-232 2 x 10/100/1000 Mbps Ethernet 4 x USB 3.0 1 x Audio (Line-out) 1 x HDMI 1 x Screw type connector for power 1 x Power button (ATX) 1 x Remote power switch 1 x ATX/AT selectable switch	1 x RS-232/422/485 1 x RS-232 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Audio (Line-out) 1 x Screw type connector for power 1 x Power button (ATX) 1 x Remote power switch 1 x ATX/AT selectable switch
Storage	1 x mSATA 1 x MicroSD Card	1 x 2.5" SATA HDD 1 x mSATA	1 x 2.5" SATA HDD 1 x mSATA 1 x MicroSD card
Expansion Interface	1 x PCI Express Mini Card slot 1 x M.2 Key E	1 x PCI Express Mini Card slot 1 x M.2 Key E	1 x PCI Express Mini Card slot 1 x M.2 Key E
Touchscreen	Projected capacitive multi-touch	5-wire resistive touch or projected capacitive multi-touch	5-wire resistive touch or projected capacitive multi-touch
Operating System	Windows® 10 (64-bit)	Windows® 10 (64-bit)	Windows® 10 (64-bit)
Power Supply	100 to 240 VAC, 60W power adapter or DC cable for 24 VDC	100 to 240 VAC, 60W power adapter or adapter cable for 24 VDC	100 to 240 VAC, 60W power adapter or DC cable for 24 VDC
Power Consumption	20.4W	24W	28.8W
Watchdog Timer	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.
Dimensions (WxDxH)	192 x 37.4 x 145 mm (7.56" x 1.47" x 5.7")	259.43 x 43.5 x 232.73 mm (10.21" x 1.71" x 9.16")	329.7 x 50 x 306 mm (13" x 2" x 12")
Weight (net/gross)	0.75 kg (1.65 lb)/2.0 kg (4.41 lb)	1.8 kg (3.96 lb)/3 kg (6.61 lb)	3.2 kg (7.1 lb)/4.8 kg (10.6 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)
Certifications	CE, FCC	CE, FCC	CE, FCC



Features/Models	GOT5103W-845	GOT5153W-845
CPU Level	Intel® Celeron® N3060, up to 2.48 GHz Intel® Pentium® N3710, up to 2.56 GHz	Intel® Celeron® N3060, up to 2.48 GHz
Chipset	SoC integrated	SoC integrated
System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
Display	10.1" WXGA TFT LCD, 350 nits	15.6" WXGA TFT LCD, 300 nits
I/O	1 x RS-232/422/485 1 x RS-232 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch	1 x RS-232/422/485 1 x RS-232 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch
Storage	1 x Half-slim SATA SSD (optional) 1 x mSATA	1 x mSATA 1 x 2.5" SATA HDD (AC version only)
Expansion Interface	2 x PCI Express Mini Card slot	2 x PCI Express Mini Card slot
Touchscreen	Projected capacitive multi-touch	5-wire resistive touch or projected capacitive multi-touch
Operating System	Windows® 10, Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® 10, Windows® 8.1, WE8S, Windows® 7, WES 7
Power Supply	24 VDC 100 to 240 VAC, 60W power adapter	DC version: 9 to 36 VDC with over-current protection fuse AC version: 100 to 240 VAC-DC, 60W power adapter
Power Consumption	40.32W	30W
Watchdog Timer	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.
Dimensions (WxDxH)	260.8 x 38 x 194.1 mm (10.27" x 1.50" x 7.65")	394.2 x 57 x 257.2 mm (15.53" x 2.25" x 10.13")
Weight (net/gross)	1.08 kg (2.38 lb)/2.18 kg (4.8 lb)	3.0 kg (6.61 lb)/4.5 kg (9.92 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)
Certifications	CE, FCC	CE, FCC

GOT107W-319

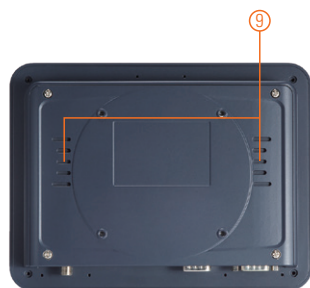
7" WSVGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3350 or Intel® Pentium® Processor N4200

Features

- 7" WSVGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor N3350 or Intel® Pentium® processor N4200
- 2 GbE LAN, 2 USB, and 2 COM ports
- Plastic and IP65-rated front bezel
- External AT/ATX mode selection switch
- Easy access storage & RAM design
- Supports panel mount, wall mount, VESA arm, and desktop stand
- RS-232/422/485 with RI/5V/12V selectable by BIOS
- Programmable OSD function key



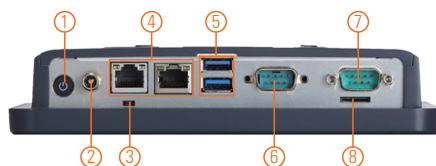
▲ Side view



▲ Rear view



1. Power LED
2. HDD LED
3. Brightness adjust +/-
4. Display on/off
5. Volume adjust +/-



1. Power button
2. Screw connector for adapter
3. AT/ATX switch
4. 2 x LAN
5. 2 x USB 3.0
6. 1 x RS-232/422/485
7. 1 x RS-232
8. Micro SD card slot
9. Speaker



Introduction

The GOT107W-319 is a 7" fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with the Intel® Celeron® processor N3350 or Pentium® processor N4200. For wireless network connection, the GOT107W-319 offers one PCI Express Mini Card slot and one M.2 Key E for wireless module. By just plugging in the WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments.

Super Slim Design

The GOT107W-319 is a super slim touch panel computer for space-limited applications.

Support Front Membrane Keys

The GOT107W-319 has 5 membrane keys on the front panel which allows users to adjust the LCD on/off, LCD brightness and volume setting easily.

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT107W-319 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	7" WSVGA TFT LCD with LED backlight
	Brightness (cd/m ²)	320 nits
	Resolution	1024 x 600
	Viewing Angel (H/V)	145°/150°
Main System	CPU	Intel® Celeron® processor N3350 2 cores (up to 2.40 GHz) Intel® Pentium® Processor N4200 4 cores (up to 2.5 GHz)
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x mSATA (default storage) 1 x MicroSD card
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX

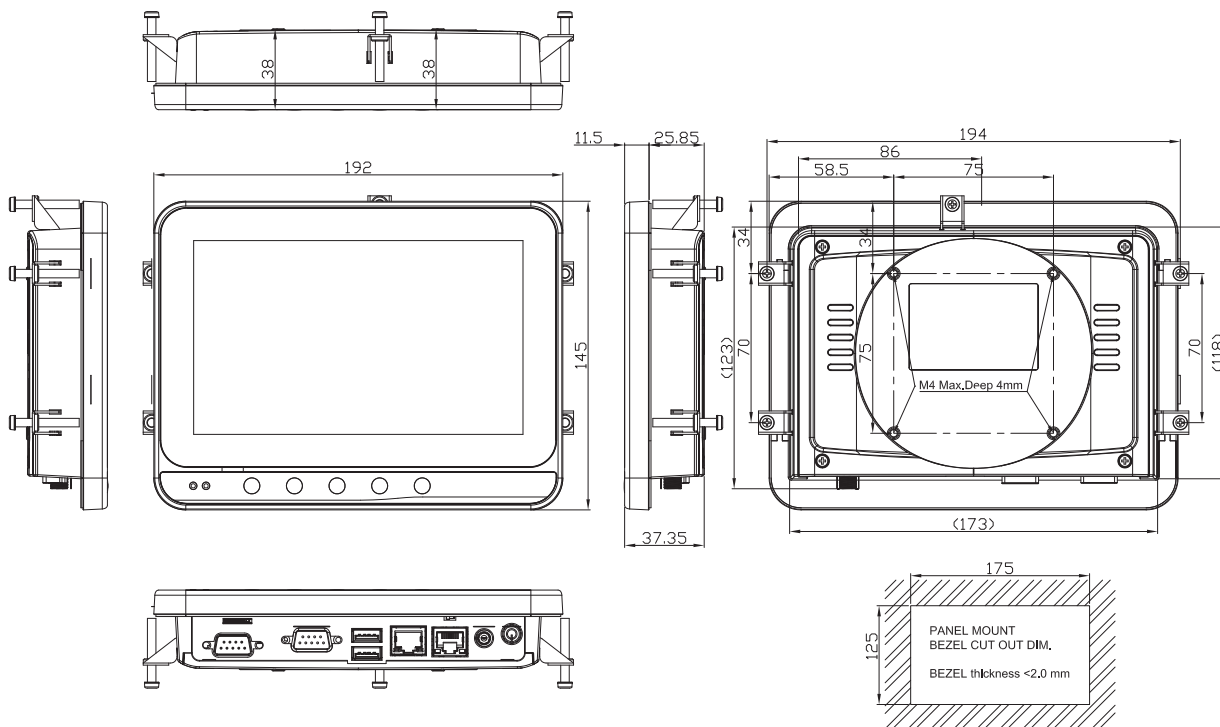
Specifications

I/O Connector	1 x RS-232/422/485 1 x RS-232 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 1 x Screw type connector for power 1 x Power button 1 x AT/ATX switch
Expansion Interface	1 x M.2 Key E for wireless module 1 x Full-size PCI Express Mini Card slot
Touchscreen	Projected capacitive multi-touch
Power Supply	9 to 24 VDC with adapter cable
Power Consumption	20.4W
Dimensions	192 mm (7.56") (W) x 37.4 mm (1.47") (D) x 145 mm (5.7") (H)
Packing Dimensions	380 mm (15") (W) x 100 mm (4") (D) x 280 mm (11") (H)
Weight (net/gross)	0.75 kg (1.65 lb)/2.0 kg (4.41 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)
Relative Humidity	20% to 90% @ +40°C; non-condensing
Operation Vibration	2G, 5 to 500Hz, random for SSD
Certifications	CE, FCC class B

Packing List

- 1 x GOT107W-319
- 1 x DC cable (GOT107W-319-DC)
- 1 x M3 screw for M.2 card slot
- 1 x M2 screw for mSATA card slot
- 1 x Thermal pad for RAM
- 1 x Thermal pad for mSATA

Dimensions



Ordering Information

Standard	
GOT107W-319 PCT-DC (P/N: E22B107101)	7" WSVGA fanless touch panel computer with Intel® Celeron® processor N3350, projected capacitive multi-touch screen, EMI Class B with screw type connector, DC cable, and logo
GOT107W-319 N4200-PCT-DC (P/N: E22B107105)	7" WSVGA fanless touch panel computer with Intel® Pentium® processor N4200, projected capacitive multi-touch screen, EMI Class B with screw type connector, DC cable, and logo

* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

Wi-Fi + Bluetooth kit	
8812B1071A0E	Panel mount kit
8812B1070A0E	Wall mount kit
E226171119	Stand kit
50956A24030E	Adapter 12V/36W

Optional OS Installation

Windows® 10

GOT110-316

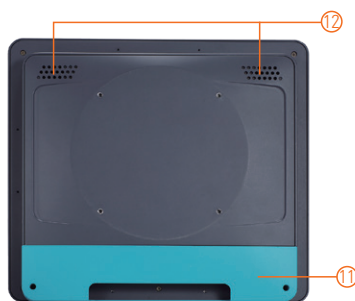
10.4" XGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3350 or Intel® Pentium® Processor N4200

Features

- 10.4" XGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor N3350 or Intel® Pentium® processor N4200
- 2 GbE LAN, 4 USB, and 2 COM
- IP65-rated front bezel and IPX1 rated back cover
- Peripheral support including MSR, RFID, Wi-Fi, and barcode scanner
- External AT/ATX mode selection switch
- Easy maintenance design for storage and memory
- Supports panel mount, wall mount, VESA arm, and desktop stand
- Adjustable RS-232/422/485 setting via BIOS
- Aluminum cover for the better thermal dissipation and reliability



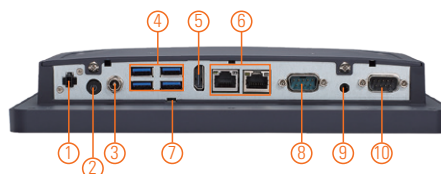
▲ Side view



▲ Rear view



1. Power LED
2. HDD LED
3. Brightness adjust +/-
4. Display on/off
5. Volume on/off



1. Remote power switch
2. Power button
3. Screw connector for adapter
4. 4 x USB 3.0
5. 1 x HDMI
6. 2 x LAN
7. AT/ATX switch
8. 1 x RS-232/422/485
9. 1 x Line-out
10. 1 x RS-232
11. Cable cover (optional)
12. Speaker



Introduction

The GOT110-316 is a 10.4" XGA fanless touch panel computer. It adopts a modern, super sleek and fanless design and is equipped with the Intel® Celeron® processor N3350 dual core up to 2.40 GHz. For wireless network connection, the GOT110-316 offers two PCI Express Mini Card slots. By just plugging in the WLAN card, customers can have instant access to wireless LAN. Besides, it can be integrated with peripheral devices including barcode scanner, RFID, MSR, Wi-Fi, and Bluetooth.

Super Slim Design

With a thickness of 43.5 mm, the GOT110-316 is a super slim touch panel computer for space-limited environment.

Support Front Membrane Keys

The GOT110-316 provides 5 Membrane keys in front of system, people can adjust the system display, volume and brightness.

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT110-316 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	10.4" XGA TFT LCD with LED backlight
	Brightness (cd/m ²)	350 nits (XGA)
	Resolution	1024 x 768
	Viewing Angel (H/V)	160°/160°
Main System	CPU	Intel® Celeron® processor N3350 2 cores (up to 2.4GHz) Intel® Pentium® processor N4200 4 cores (up to 2.5GHz)
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD (9.5 mm height) 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX

1

GOT115-319

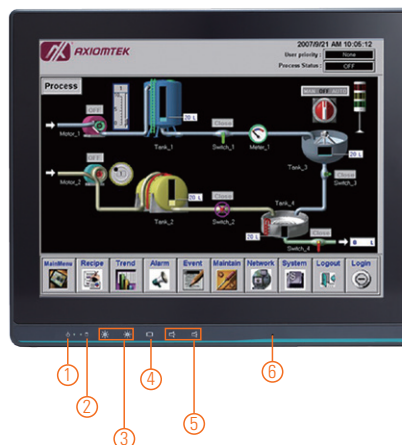
15" XGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3350 or Intel® Pentium® Processor N4200

Features

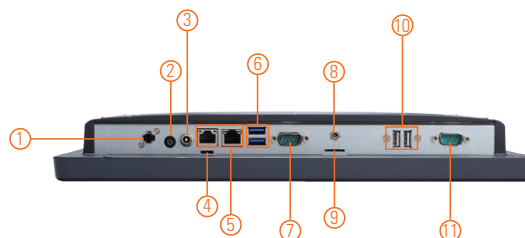
- 15" XGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor N3350 or Intel® Pentium® processor N4200
- 2 GbE LAN, 4 USB, and 2 COM
- IP65-rated plastic front bezel
- Supports RFID and wireless module (optional)
- External AT/ATX mode selection switch
- Easy access storage & RAM design
- Supports panel mount, wall mount, VESA arm, and desktop stand
- RS-232/422/485 with RI/5V/12V selectable by BIOS
- Programmable OSD function key



▲ Rear view



1. Power LED
2. HDD LED
3. Brightness adjust +/-
4. Display on/off
5. Volume +/-
6. Microphone



1. Remote power switch
2. Power button
3. Screw connector for power input
4. AT/ATX switch
5. 2 x LAN
6. 2 x USB 3.0
7. 1 x RS-232/422/485
8. Line-out
9. Micro SD card slot
10. 2 x USB 2.0
11. 1 x RS-232

Introduction

The GOT115-319 is a 15" XGA fanless touch panel computer. It adapts a modern, super sleek and fanless design and is equipped with Intel® Celeron® processor N3350 or Intel® Pentium® processor N4200. For wireless network connection, the GOT115-319 offers one PCI Express Mini Card slot and one M.2 Key E for wireless module. By just plugging in the WLAN card, customers can have instant access to wireless environment.

Super Slim Design

With a thickness of 50 mm, the GOT115-319 is a super slim touch panel computer for space-limited environment.

Support Front Membrane Keys

The GOT115-319 has 5 membrane keys on the front panel which allows users to adjust the LCD on/off, LCD brightness and volume setting easily

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT115-319 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel
LCD Panel	Display Type 15" XGA TFT LCD with LED backlight
	Brightness (cd/m ²) 300 nits (XGA)
	Resolution 1024 x 768
	Viewing Angel (H/V) 160°/160°
Main System	CPU Intel® Celeron® processor N3350 2 cores (up to 2.4 GHz) Intel® Pentium® processor N4200 4 cores (up to 2.5 GHz)
	System Memory 1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS AMI UEFI BIOS
	Storage 1 x 2.5" SATA HDD (9.5 mm height) 1 x mSATA 1 x MicroSD card
	Watchdog Timer 255 levels, 0 to 255 sec.
	Onboard Graphics Integrated in Intel® GFX

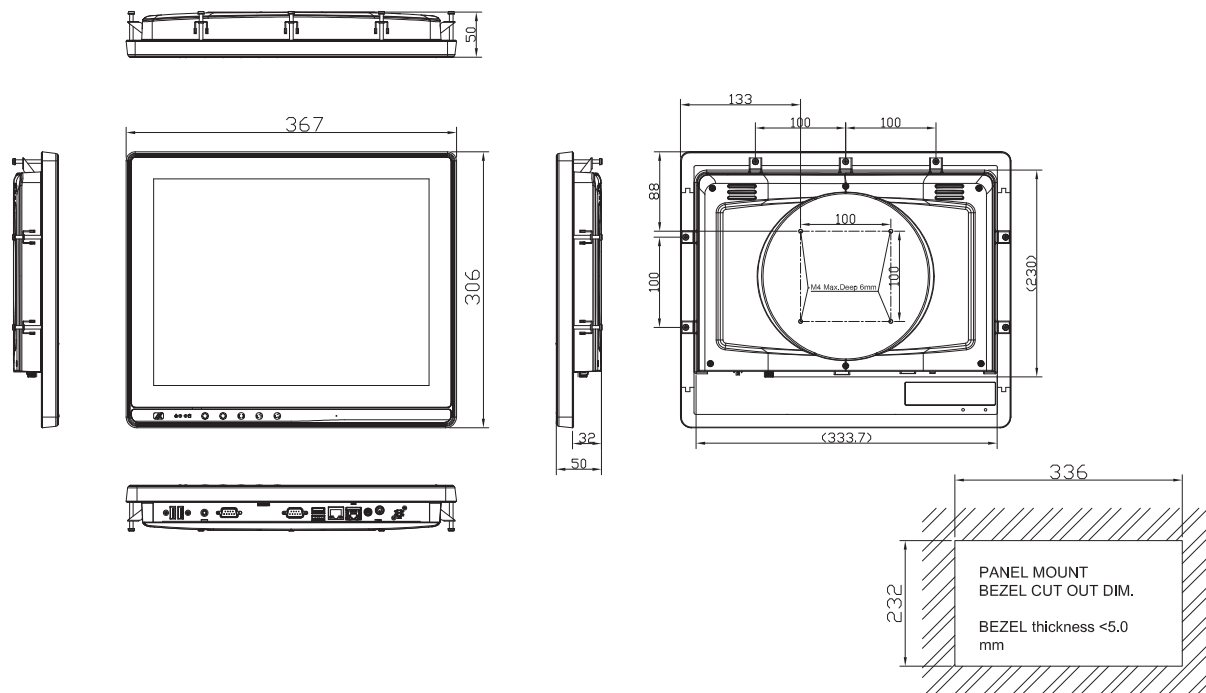
Specifications

I/O Connector	1 x RS-232/422/485 (default RS-232) 1 x RS-232 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Screw type connector for power 1 x Power button (ATX) 1 x Remote power switch 1 x Audio (Line-out) 1 x ATX/AT selectable switch
Expansion Interface	1 x M.2 Key E for wireless module 1 x Full-size PCI Express Mini Card slot
Touchscreen	Projected capacitive multi-touch 5-wire flat resistive touch
Power Supply	9 to 24 VDC with adapter cable
Power Consumption	28.8W
Dimensions	329.69 mm (13") (W) x 50 mm (2") (D) x 306 mm (12") (H)
Packing Dimensions	510 mm (20.1") (W) x 190 mm (7.5") (D) x 540 mm (21.2") (H)
Weight (net/gross)	3.2 kg (7.1 lb)/4.8 kg (10.6 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)
Relative Humidity	10% - 90% @ +40°C; non-condensing
Operation Vibration	2G, 5 - 500Hz, random for SSD
Certifications	CE

Packing List

- 1 x GOT115-319
- 1 x DC cable
- 4 x M3 screws for SSD/HDD
- 1 x M3 screw for M.2 card slot
- 1 x M2 screw for mSATA card slot

Dimensions



Ordering Information

Standard	
GOT115-319-C-DC (P/N: E22B115100)	15" XGA fanless touch panel computer with Intel® Celeron® processor N3350, projected capacitive, EMI Class A, and screw type connector with DC cable
GOT115-319-R-DC (P/N: E22B115101)	15" XGA fanless touch panel computer with Intel® Celeron® processor N3350, 5 wire resistive touch, EMI Class A, and screw type connector with DC cable
GOT115-319-N4200-C-DC (P/N: E22B115102)	15" XGA fanless touch panel computer with Intel® Pentium® processor N4200, projected capacitive multi-touch, EMI Class A, and screw type connector with DC cable
GOT115-319-N4200-R-DC (P/N: E22B115103)	15" XGA fanless touch panel computer with Intel® Pentium® processor N4200, 5 wire resistive touch, EMI Class A, and screw type connector with DC cable

* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

Wi-Fi + Bluetooth kit	
RFID kit	
8812B1150A0E	Panel mount kit
8812B1100A0E	Wall mount kit
50966124050E	Adapter 12V/60W
E226171119	Stand kit

Optional OS Installation

Windows® 10

GOT5103W-845

10.1" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® N3060 Processor or Intel® Pentium® N3710 Processor

Features

- 10.1" WXGA wide screen TFT LCD display with LED backlight
- Projected capacitive multi-touch
- Fanless design with Intel® Celeron® N3060 processor or Intel® Pentium® N3710 processor
- 1 mSATA and 1 half-slim SATA SSD (optional)
- 2 GbE LAN, 4 USB, 2 COM, 2W speakers, and optional Mic-in
- IP65-rated front bezel and IPX1 full enclosure design
- Supports panel mount, wall mount, VESA arm, and desktop stand
- External AT/ATX mode selection switch



Introduction

The GOT5103W-845 is a 10.1" WXGA fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, sleek and fanless design and is equipped with the Intel® Celeron® N3060 processor or Intel® Pentium® N3710 processor. For wireless network connection, the GOT5103W-845 offers two PCI Express Mini Card slots. By just installing a WLAN card and antennas, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input: DC power with terminal block connector and AC power adapter with screw type connector.

Slim & Lightweight Design

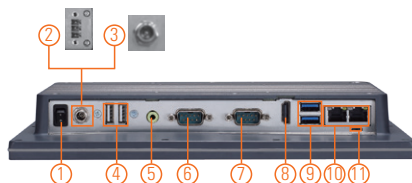
The GOT5103W-845 is slim and lightweight which make it fit for limited space installation.

Optional Internal WLAN Antenna

The GOT5103W-845 provides two PCI Express Mini Card slots and optional internal WLAN antennas for wireless network connections. Customers can use the GOT5103W-845 in wireless LAN/GPRS/GPS/4G environment.

Support Front Membrane Keys (optional)

The GOT5103W-845 has 5 membrane keys on the front panel which allows users to adjust the LCD on/off, LCD brightness and volume setting easily.



Specifications

Front Bezel	IP65, plastic front bezel	
LCD Panel	Display Type	10.1" WXGA TFT LCD with LED backlight
	Brightness (cd/m ²)	350 nits
	Resolution	1280 x 800
Main System	CPU	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz) Intel® Pentium® processor N3710 4 cores (up to 2.56 GHz)
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x Half-slim SATA SSD (only for GOT5103W-845-PCT-J) 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated Intel® HD GFX

Specifications

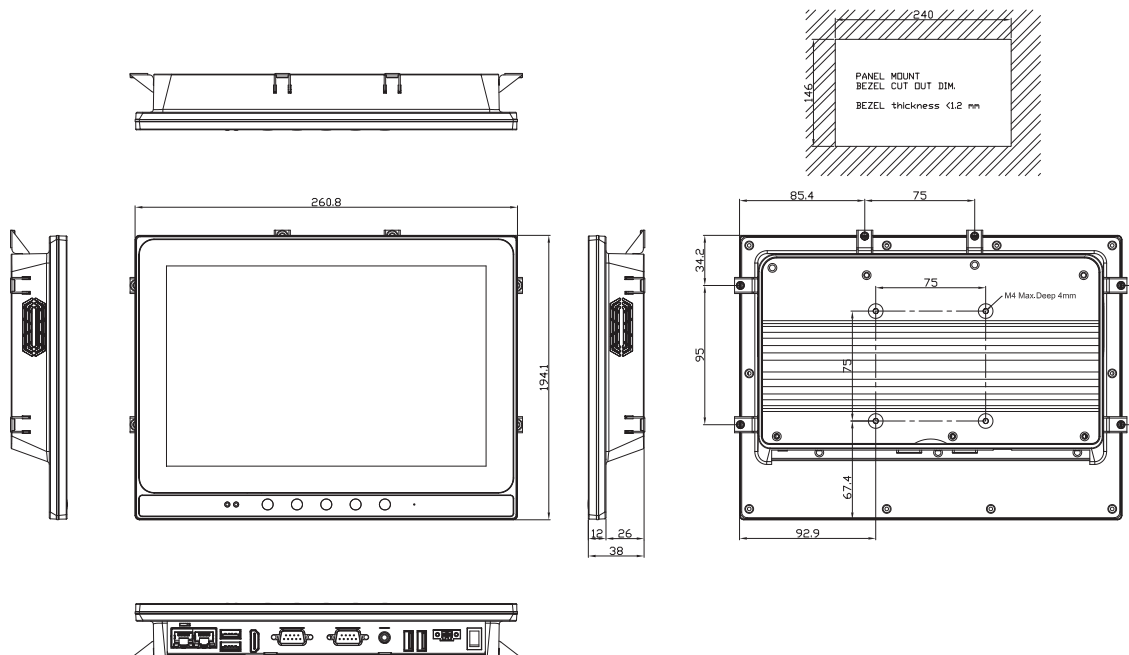
I/O Connector	1 x RS-232 1 x RS-232/422/485 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)
TPM	N/A
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA 1 x Full-size PCI Express Mini Card with SIM
Touchscreen	Projected capacitive multi-touch
Power Supply	AC version: 100 to 240 VAC-DC, 60W power adapter or DC version: 24 VDC with over current protection fuse
Power Consumption	38.4W
Dimensions	260.8 mm (10.27") (W) x 38 mm (1.50") (D) x 194.1 mm (7.65") (H)
Packing Dimensions	380 mm (14.96") (W) x 100 mm (3.94") (D) x 280 mm (11.02") (H)
Weight (net/gross)	1.08 kg (2.38 lb)/2.18 kg (4.8 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F) 0°C to +45°C (+32°F to +113°F) (GOT5103W-845 N3710)
Relative Humidity	20% to 90% @ 40°C; non-condensing
Operation Vibration	2G, 10 - 500Hz, random for SSD
Certifications	CE, FCC, UL60950-1

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Packing List

- 1 x GOT5103W-845
- 1 x Adapter (GOT5103W-845-J)
- 1 x Power cord (GOT5103W-845-J)
- 1 x Phoenix connector (GOT5103W-845 24 VDC)

Dimensions



Ordering Information

Standard	
GOT5103W-845-PCT-J (P/N: E225103100)	10.1" WXGA fanless touch panel computer with Intel® Celeron® processor N3060, projected capacitive multi-touch screen, AC-DC 60W power adapter (screw type connector), and EMI class A
GOT5103W-845-PCT-24VDC (P/N: E225103102)	10.1" WXGA fanless touch panel computer with Intel® Celeron® processor N3060, projected capacitive multi-touch screen, and 24 VDC terminal block connector
GOT5103W-845-PCT-J N3710 (P/N: E225103114)	10.1" WXGA fanless touch panel computer with Intel® Pentium® processor N3710, projected capacitive multi-touch screen, AC-DC 60W power adapter (screw type connector), and EMI class A
GOT5103W-845-PCT-24VDC N3710 (P/N: E225103115)	10.1" WXGA fanless touch panel computer with Intel® Pentium® processor N3710, projected capacitive multi-touch screen, and 24 VDC terminal block connector

* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

Wi-Fi + Bluetooth kit	
RFID kit	
881251030AOE	Panel mount kit
8812B1070AOE	Wall mount kit
E226171119	Stand kit
Half slim SSD kit SFP (AC Version only)	

Optional EOS Installation

WES7
WE8S (64-bit)
Windows® 10 IoT Enterprise (64bit)

Optional OS Installation

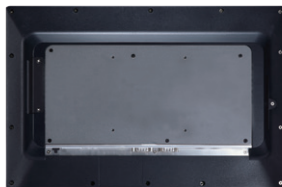
Windows® 7
Windows® 8.1 (64-bit)
Windows® 10

GOT5153W-845

15.6" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060

Features

- 15.6" WXGA wide screen TFT LCD display with LED backlight
- Projected capacitive multi-touch or 5-wire flat resistive touch
- Fanless design with Intel® Celeron® processor N3060
- 2.5" SATA HDD or mSATA
- 2 GbE LANs, 4 USB, 2 COM, and speakers
- IP65-rated front bezel and IPX1 full enclosure
- Supports wall mount, VESA arm, and desktop stand
- Supports RFID (optional)



▲ Rear view



Introduction

The GOT5153W-845 is a 15.6" WXGA fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, sleek and fanless design and is equipped with the Intel® Celeron® processor N3060 up to 2.48 GHz. For wireless network connection, the GOT5153W-845 offers two PCI Express Mini Card slots. By just plugging in a WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input (9 to 36VDC) with terminal block connector, and another is AC power adapter with screw type connector.

Slim & Lightweight Design

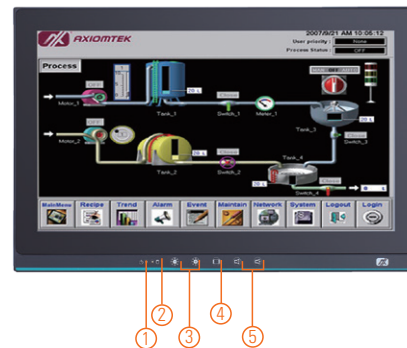
The GOT5153W-845 is slim and lightweight which make it fit for limited space installation.

Built-in Internal WLAN Antenna

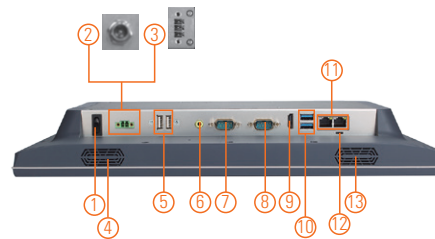
The GOT5153W-845 provides two PCI Express Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5153W-845 in wireless LAN/GPRS/GPS/4G environment.

Support Front Membrane Keys (optional)

The GOT5153W-845 has 5 membrane keys on the front panel which allows users to adjust the LCD on/off, LCD brightness and volume setting easily.



1. Power LED
2. HDD LED
3. Brightness adjust +/-
4. Display on/off
5. Volume control



1. Power switch (ATX)
2. Power input connector (screw)
3. Power input connector (phoenix)
4. Speaker
5. 2 x USB 2.0
6. 1 x Line-out
7. 1 x RS-232/422/485
8. 1 x RS-232
9. 1 x HDMI
10. 2 x USB 3.0
11. 2 x LAN
12. AT/ATX selectable switch
13. Speaker

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	15.6" WXGA TFT LCD with LED backlight
	Brightness (cd/m ²)	300 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD (9.5 mm height) (AC version only) 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated Intel® HD GFX

Specifications

I/O Connector	1 x RS-232/422/485 (default RS-232) 1 x RS-232 1 x AT/ATX mode selection switch 1 x Switch for power on/off 2 x USB 2.0 2 x USB 3.0 1 x HDMI 1 x Audio (Line-out) 2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)
TPM	N/A
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA 1 x Full-size PCI Express Mini Card with SIM
Touchscreen	Projected capacitive multi-touch 5-wire flat resistive touch
Power Supply	DC version: 9 to 36 VDC with over-current protection fuse AC version: 100 to 240 VAC-DC, 60W power adapter
Power Consumption	46.8W
Dimensions	394.2 mm (15.53") (W) x 57 mm (2.25") (D) x 257.2 mm (10.13") (H)
Packing Dimensions	508 mm (20.00") x 106 mm (4.17") x 383 mm (15.08")
Weight (net/gross)	3.0 kg (6.61 lb)/4.5 kg (9.92 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F) with W.T. DRAM/SSD
Relative Humidity	20% to 90% @ 40°C; non-condensing
Operation Vibration	2G, 5 - 500Hz, random for CFast™
Certifications	CE, FCC, UL60950-1

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Packing List

- 1 x GOT5153W-845
- 1 x Adapter (AC version only)
- 1 x Power cord (AC version only)

Ordering Information

Standard	
GOT5153W-845-PCT-J (P/N: E225153116)	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor N3060, projected capacitive multi-touch screen, and AC-DC 60W power adapter (screw type connector)
GOT5153W-845-FR-J (P/N: E225153114)	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire flat resistive touch screen, and AC-DC 60W power adapter (screw type connector)

* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

Wi-Fi + Bluetooth kit	
RFID kit	
881251531A0E	Wall mount kit
E226171119	Stand kit

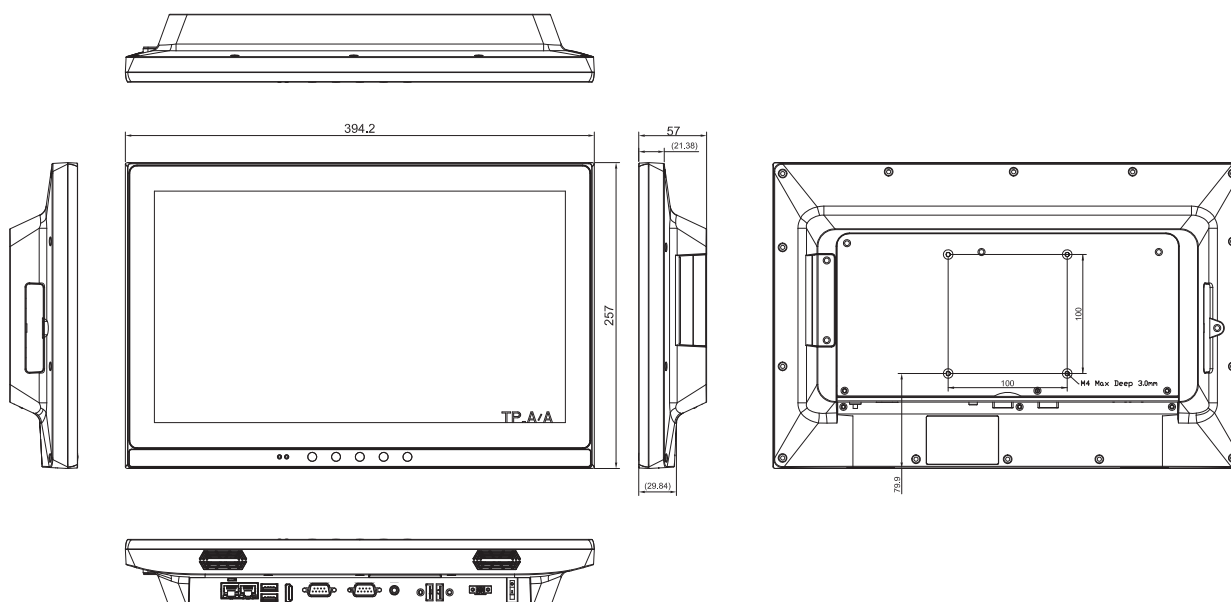
Optional EOS Installation

WES7
WE8S (64-bit)
Windows® 10 IoT Enterprise 64-bit

Optional OS Installation

Windows® 7
Windows® 8.1 (64-bit)
Windows® 10

Dimensions



2

Heavy-duty Fanless Touch Panel Computers

Axiomtek's heavy-duty GOT300 series is designed for kiosk and automation applications. It has a fashionable mechanism design and industrial-grade IP65-rated front bezel for water/dust-proof operation. It is suitable for use in industrial automation and control systems, building automation, machinery manufacturing environments, self-service kiosks, and other HMI applications.

Selection Guide		23
NEW	GOT315W-521	15.6" WXGA TFT Multi-touch Panel Computer with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W) 25
	GOT315WL-845	15.6" WXGA TFT Multi-touch Panel Computer with Intel® Pentium® Processor N3710 27
NEW	GOT318W-521	18.5" FHD TFT Multi-touch Panel Computer with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W) 29
	GOT318WL-845	18.5" WXGA TFT Multi-touch Panel Computer with Intel® Pentium® Processor N3710 31
	GOT1387WL-834	18.5" WXGA/FHD TFT Multi-touch Panel Computer with Intel® Celeron® Processor J1900 33
NEW	GOT321W-521	21.5" FHD TFT Expandable Touch Panel Computer with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W) 35
	GOT3217WL-845	21.5" FHD TFT Multi-touch Panel Computer with Intel® Pentium® Processor N3710 37

Industrial Panel PCs

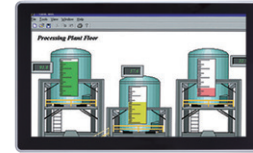
Heavy-duty Fanless Touch Panel Computers

Selection Guide

NEW



NEW



Features/Models	GOT315W-521	GOT315WL-845	GOT318W-521
CPU Level	LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W)	Intel® Pentium® N3710 4C @ 1.6 GHz	LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W)
Chipset	Intel® H310	SoC integrated	Intel® H310
System Memory	1 x 260-pin DDR4-2133/2400MHz SO-DIMM, up to 32GB	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB	1 x 260-pin DDR4-2133/2400MHz SO-DIMM, up to 32GB
Display	15.6" WXGA TFT LCD, 400 nits	15.6" WXGA TFT LCD, 400 nits	18.5" FHD TFT LCD, 500 nits
I/O	1 x 9-pin D-sub Male or via cable (optional) for RS-232 1 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Phoenix type connector for DC power input 1 x Switch for power on/off (ATX) 1 x Line-out 1 x HDMI 1 x DisplayPort 1 x VGA 1 x Remote power switch 1 x AT/ATX switch (DC type only) 1 x Grounding hole	1 x RS-232 1 x RS-232/422/485 1 x Switch for power on/off (ATX) 2 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet 1 x Audio (Line-out)	1 x 9-pin D-sub Male or via cable (optional) for RS-232 1 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Phoenix type connector for DC power input 1 x Switch for power on/off (ATX) 1 x Line-out 1 x HDMI 1 x DisplayPort 1 x VGA 1 x Remote power switch 1 x AT/ATX switch (DC type only) 1 x Grounding hole
Storage	1 x 2.5" SATA HDD/SSD (7/9.5 mm, removable)	1 x 2.5" SATA HDD 1 x mSATA	1 x 2.5" SATA HDD/SSD (7/9.5 mm height, removable)
Expansion Interface	1 x M.2 Key E slot 1 x Full-size PCI Express Mini Card slot	1 x Full-size PCI Express Mini Card slot with mSATA 1 x Full-size PCI Express Mini Card slot with SIM	1 x M.2 Key E slot 1 x Full-size PCI Express Mini Card slot
Touchscreen	Projected capacitive multi-touch	Projected capacitive multi-touch	Projected capacitive multi-touch
Operating System	Windows® 10	Windows® 10	Windows® 10
Power Supply	DC terminal block: 12/19/24 VDC	DC version: 24 VDC	DC terminal block: 12/19/24 VDC
Power Consumption	60W	72W	60W
Watchdog Timer	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.
Dimensions (W x D x H)	396.8 x 77 x 247.1 mm (15.6" x 3.04" x 9.73")	396.8 x 59.0 x 247.1 mm (15.62" x 2.3" x 9.73")	460.8 x 77 x 285 mm (18.11" x 3.04" x 11.22")
Weight (net/gross)	6.5 kg (14.3 lb)/8.5kg (18.7 lb)	4.5 kg (9.9 lb)/6.5 kg (14.3 lb)	7.8kg (17.2lb)/10.2kg (22.5lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)
Certifications	CE	CE	CE

Heavy-duty Fanless Touch Panel Computers

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Heavy-duty Fanless Touch Panel Computers

Selection Guide



Features/Models	GOT318WL-845	GOT3187WL-834	GOT321W-521
CPU Level	Intel® Pentium® N3710 4C @ 1.6 GHz	Intel® Celeron® processor J1900 4C @ 2.0 GHz	LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W)
Chipset	SoC integrated	SoC integrated	Intel® H310
System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB	1 x 260-pin DDR4-2133/2400MHz SO-DIMM, up to 32GB
Display	18.5" WXGA TFT LCD, 250 nits	18.5" FHD TFT LCD, 500 nits	21.5" FHD TFT LCD, 250 nits
I/O	1 x RS-232 1 x RS-232/422/485 1 x Switch for power on/off (ATX) 2 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet 1 x Audio (Line-out)	2 x RS-232/422/485 (COM 1/2) 1 x Switch for power on/off (ATX) 2 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet 1 x Audio (Line-out)	1 x 9-pin D-sub Male or via cable (optional) for RS-232 1 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Phoenix type connector for DC power input 1 x Switch for power on/off (ATX) 1 x Line-out 1 x HDMI 1 x DisplayPort 1 x VGA 1 x Remote power switch 1 x AT/ATX switch (DC type only) 1 x Grounding hole
Storage	1 x 2.5" SATA HDD 1 x mSATA	1 x 2.5" SATA HDD (7/9.5 mm height) 1 x CFast™ or 1 x mSATA	1 x 2.5" SATA HDD/SSD (7/9.5 mm, removable)
Expansion Interface	1 x Full-size PCI Express Mini Card slot with mSATA 1 x Full-size PCI Express Mini Card slot with SIM	2 x Full-size PCI Express Mini Card slot	1 x M.2 Key E slot 1 x Full-size PCI Express Mini Card slot
Touchscreen	Projected capacitive multi-touch or Flat resistive touch (optional)	Projected capacitive multi-touch	10-point projected capacitive multi-touch
Operating System	Windows® 10	Windows® 8.1, WE8S, Windows® 7, WES 7, Windows® 10	Windows® 10
Power Supply	DC version: 24 VDC	DC version: 9 to 36 VDC AC version: 12 VDC 60W adapter	DC terminal block: +12V/+19V/+24V
Power Consumption	48W	48W	105W
Watchdog Timer	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.
Dimensions (W x D x H)	460.8 x 58.5 x 285 mm (18.11" x 2.3" x 11.22")	460.8 x 58.5 x 285 mm (18.11" x 2.3" x 11.22")	547.59 x 75.6 x 339.05 mm (21.56" x 2.98 x 13.49")
Weight (net/gross)	5.8 kg (12.8 lb)/8.2 kg (18.1 lb)	5.8 kg (12.8 lb)/8.2 kg (18.1 lb)	8.4 kg (18.5 lb)/11.3 kg (24.9 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)
Certifications	CE	CE	CE



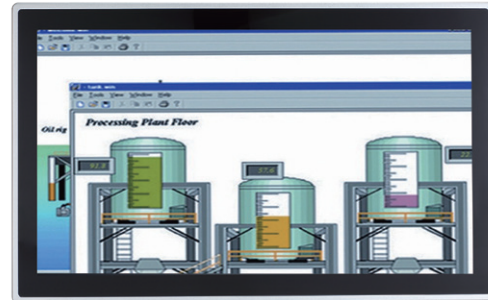
Features\Models	GOT3217WL-845
CPU Level	Intel® Pentium® N3710 4C @ 1.6 GHz
Chipset	SoC integrated
System Memory	1 x 204-pin DDR3L-1333/ 1600 SO-DIMM, up to 8GB
Display	21.5" FHD TFT LCD, 250 nits
I/O	1 x RS-232 1 x RS-232/422/485 1 x Switch for power on/off (ATX) 2 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet 1 x Audio (Line-out)
Storage	1 x 2.5" SATA HDD 1 x mSATA
Expansion Interface	1 x Full-size PCI Express Mini Card slot with mSATA 1 x Full-size PCI Express Mini Card slot with SIM
Touchscreen	Projected capacitive multi-touch
Operating System	Windows® 10
Power Supply	DC version: DC 24V AC version: 12VDC, 5A adapter
Power Consumption	48W
Watchdog Timer	255 levels, 0 to 255 sec.
Dimensions (W x D x H)	547.6 mm x 58.5 mm x 339.0 mm (21.56" x 2.30" x 13.35")
Weight (net/gross)	7.6 kg (16.8 lb)/10.5 kg (23.1 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)
Certifications	CE

GOT315W-521 NEW

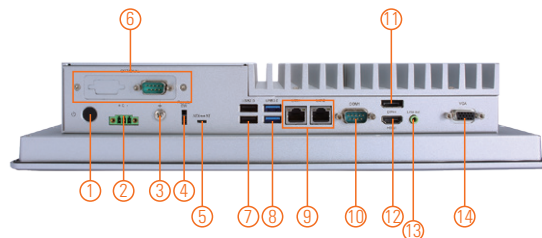
15.6" WXGA TFT Multi-touch Panel Computer with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W)

Features

- 15.6" WXGA projected capacitive multi-touch widescreen
- Fanless design with LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W)
- Supports WLAN module and antenna (optional)
- 2.5" SATA HDD/SSD
- 2 LAN, 4 USB, 2 COM, 1 HDMI, 1 DisplayPort, and 1 VGA
- IP65-rated aluminum front bezel
- Supports panel mount, VESA mount, and wall mount



▲ Rear view



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|---------------------------------|---|--------------------------------|
| 1. Power button | 6. Optional flexible I/O (default 1 x RS-232) | 10. 1 x COM for RS-232/422/485 |
| 2. Phoenix small type connector | 7. 2 x USB 2.0 | 11. 1 x DP |
| 3. Grounding hole | 8. 2 x USB 3.0 | 12. 1 x HDMI |
| 4. Remote power switch | 9. 2 x LAN | 13. 1 x Line-out |
| 5. AT/ATX switch | | 14. 1 x VGA |



Fanless



IP65

Introduction

The GOT315W-521-PCT is a multi-touch fanless type panel PC with 15.6-inch WXGA LCD and supports LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W). It also provides M.2 Key E and PCI Express Mini Card slots for add-on devices such like Wi-Fi module for factory automation, and oil pipe monitoring system.

15.6-inch WXGA LCD with Projected Capacitive Multi-touch

The 15.6" WXGA touch panel PC supports 400 nits brightness, able to display contents in HD resolution. With projected capacitive multi-touch screen, users can operate the device more directly and friendly. The touch glass surface is up to 3H for anti-scratch purpose.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	15.6" WXGA TFT LCD
	Brightness (cd/m ²)	400 nits
	Resolution	1366 x 768
Main System	CPU	LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W)
	Chipset	Intel® H310
	System Memory	1 x 260-pin DDR4-2666/2400 SO-DIMM, up to 32GB
	BIOS	AMI UEFI BIOS
	Storage	1 x mSATA 1 x 2.5" SATA HDD/SSD (7 mm and 9.5 mm height; removable)
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Intel® integrated Gfx graphic engine

Specifications

I/O Connector	1 x 9-pin D-sub Male for RS-232 1 x COM for RS232/422/485 2 x RJ-45 for GbE 2 x USB 3.0, 2 x USB 2.0 1 x Phoenix type connector for DC power input 1 x Switch for power on/off (ATX) 1 x Line-out 1 x HDMI 1 x DP 1 x VGA 1 x Remote power switch 1 x AT/ATX switch (DC type only) 1 x Grounding hole (DC version)
TPM	TPM 2.0
Expansion Interface	1 x Full-size PCI-Express Mini Card slot (PCIe + SATA + USB) 1 x M.2 Key E 2230 (for Wi-Fi)
Touchscreen	Projected capacitive multi-touch
Power Supply	+12V/+19V/+24VDC 1x terminal block
Power Consumption	70W
Dimensions	396.8 mm (15.6") (W) x 77 mm (3.04") (D) x 247.1 mm (9.73") (H)
Packing Dimensions	535 mm (21.06") (W) x 485 mm (19.09") (D) x 196 mm (7.71") (H)
Weight (net/gross)	6.5 kg(14.3 lb)/8.5kg(18.7 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)
Relative Humidity	20% to 90% @ +40°C; non-condensing
Operation Vibration	1G, 10 - 500 Hz, random for 2.5" SATA HDD
Certifications	CE, EN 61000-6-2, EN 61000-6-4

Packing List

1 x GOT315WL-521
1 x Phoenix connector
1 x Panel mount kit set

Ordering Information

GOT315W-521-PCT-DC (P/N: E22B315105)	15.6" WXGA TFT fanless touch panel computer with LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W), projected capacitive multi-touch screen, and 24 VDC terminal block with small Phoenix connector
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* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

4G LTE Kit	
Wi-Fi kit	
881231770A0E	Wall mount kit
50906D24000E	Adaptor 24V/120W, wire only, FSP120-AAAN3

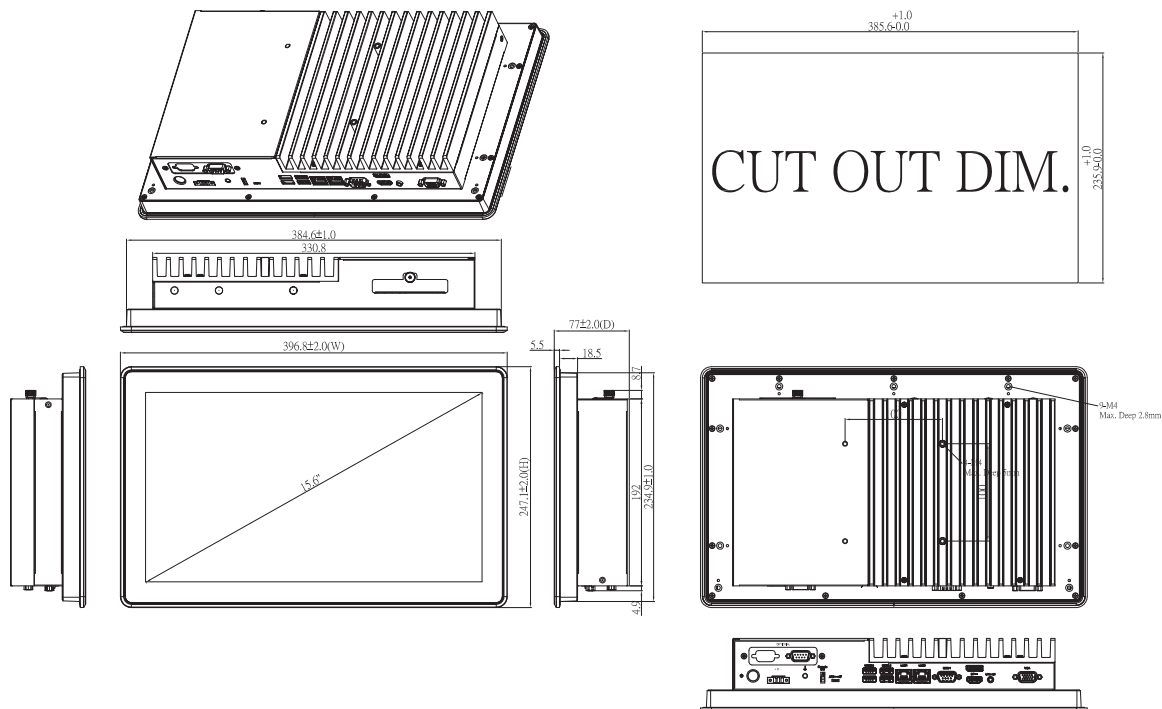
Optional EOS Installation

Windows® 10 IoT Enterprise

Optional OS Installation

Windows® 10

Dimensions

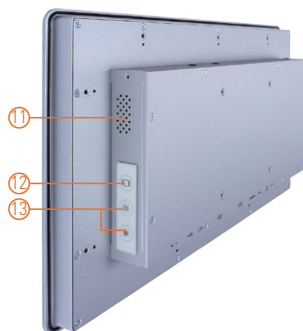


GOT315WL-845-PCT

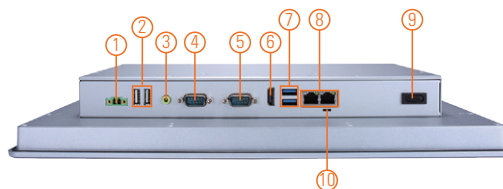
15.6" WXGA TFT Multi-touch Panel Computer with Intel® Pentium® Processor N3710

Features

- 15.6" WXGA projected capacitive multi-touch widescreen
- Fanless design with Intel® Pentium® processor N3710
- 2.5" SATA HDD and mSATA
- 3G, WLAN module and antennas (optional)
- 2 GbE LANs, 2 USB 3.0, 2 USB 2.0, and 2 COM
- IP65-rated aluminum front bezel
- Supports panel mount and VESA mount (VESA arm/desktop stand/wall mount is optional)
- Adjustable RS-232/422/485 setting via BIOS



▲ Rear view



- | | | |
|--------------------------------------|------------------------------|---------------------------|
| 1. Terminal block for DC power input | 6. 1 x HDMI | 11. Speaker |
| 2. 2 x USB 2.0 | 7. 2 x USB 3.0 | 12. Backlight switch |
| 3. 1 x Line-out | 8. 2 x LAN | 13. Brightness adjust +/- |
| 4. 1 x RS-232/422/485 | 9. Power switch (ATX) | |
| 5. 1 x RS-232 | 10. AT/ATX selectable switch | |



Introduction

The GOT315WL-845 has a 15.6-inch WXGA LCD and supports the low power Intel® Pentium® processor N3710. It also provides two PCI Express Mini Card slots for 3G and wireless network connectivity. This 15.6" multi-touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

15.6-inch WXGA LCD with Projected Capacitive Multi-touch

The 15.6" WXGA touch panel PC, supports 400 nits brightness, is able to display contents in HD resolution. With projected capacitive multi-touch screen, users can operate the device more directly and friendly. The hardness of touch glass surface is up to 7h for anti-scratch purpose.

WLAN Antenna Supported (optional)

The GOT315WL-845 provides two PCI Express Mini Card slots and WLAN antennas for 3G and wireless network connectivity.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	15.6" WXGA TFT LCD
	Brightness (cd/m ²)	400 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Pentium® processor N3710 4C @ 1.6 GHz (Braswell)
	Chipset	SoC integrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD (9.5 mm height) 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

Specifications

I/O Connector	1 x RS-232 1 x RS-232/422/485 1 x Switch for power on/off (ATX) 1 x Audio (Line-out) 2 x USB 3.0 2 x USB 2.0 2 x GbE (Intel® i211-AT)
TPM	N/A
Expansion Interface	1 x Full-size PCI Express Mini Card slot with mSATA 1 x Full-size PCI Express Mini Card slot with SIM
Touchscreen	Projected capacitive multi-touch
Power Supply	DC version: 24 VDC
Power Consumption	72W
Dimensions	396.8 mm (15.62") (W) x 59.0 mm (2.3") (D) x 247.1 mm (9.73") (H)
Packing Dimensions	525 mm (20.67") (W) x 186 mm (7.32") (D) x 470 mm (18.51") (H)
Weight (net/gross)	4.5 kg (9.9 lb)/6.5 kg (14.3 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)
Relative Humidity	20% to 90% @ +40°C; non-condensing
Operation Vibration	1G, 10 - 500 Hz, random for 2.5" SATA HDD
Certifications	CE

Packing List

1 x GOT315WL-845
1 x Phoenix connector
1 x Panel mount kit

Ordering Information

GOT315WL-845-PCT-DC (P/N: E22B315101)	15.6" WXGA TFT fanless touch panel computer with Intel® Pentium® N3710 1.6 GHz processor, projected capacitive multi-touch screen, and 24 VDC terminal block connector
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* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

4G LTE Kit	
Wi-Fi kit	
881231770A0E	Wall mount kit
50906D24000E	Adaptor 24V/120W, wire only, FSP120-AAAN3

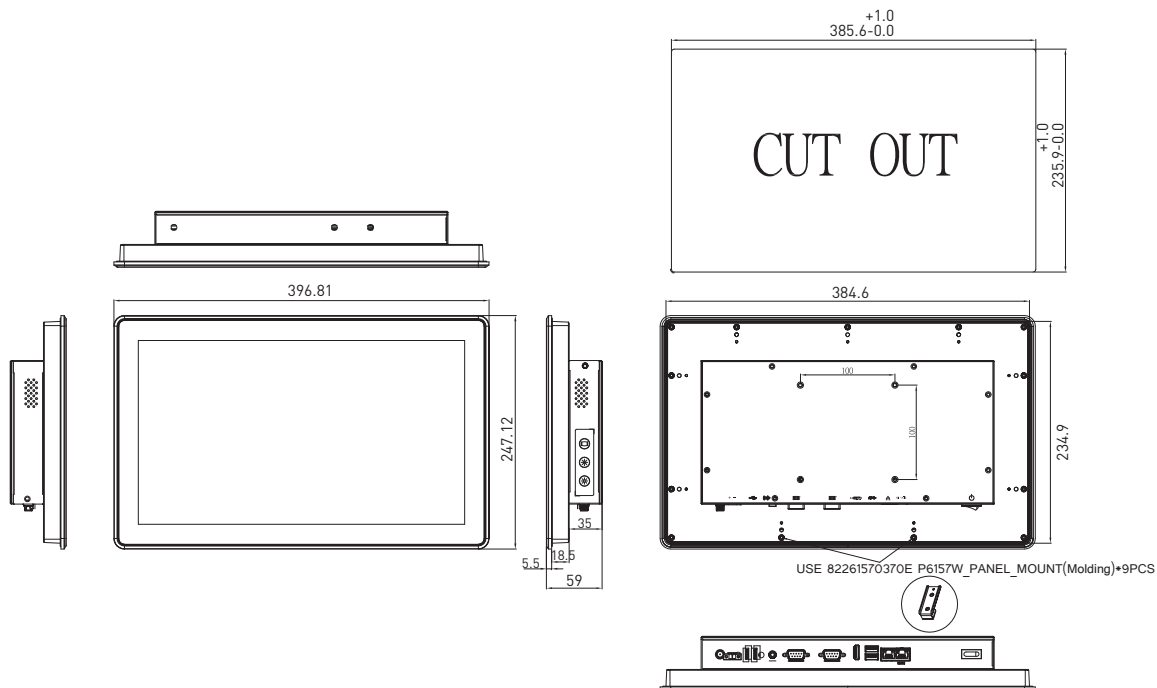
Optional EOS Installation

Windows® 10 IoT Enterprise

Optional OS Installation

Windows® 10

Dimensions

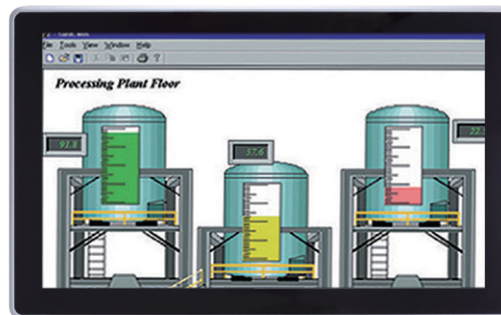


GOT318W-521 NEW

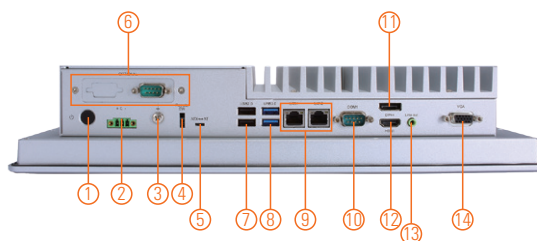
18.5" FHD TFT Multi-touch Panel Computer with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W)

Features

- 18.5" FHD projected capacitive multi-touch or 5-wire resistive touch
- Fanless design with LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W)
- Supports WLAN module and antenna (optional)
- 2.5" SATA HDD/SSD
- 2 LAN, 4 USB, 2 COM, 1 HDMI, 1 DisplayPort, and 1 VGA
- IP65-rated aluminum front bezel
- Supports panel mount, VESA mount, and wall mount



▲ Rear view



1. Power button
2. Phoenix small type connector
3. Grounding hole
4. Remote power switch
5. AT/ATX switch
6. Optional flexible I/O (default 1 x RS-232)
7. 2 x USB 2.0
8. 2 x USB 3.0
9. 2 x LAN
10. 1 x COM for RS-232/422/485
11. 1 x DP
12. 1 x HDMI
13. 1 x Line-out
14. 1 x VGA



Introduction

The GOT318W-521 is a fanless panel PC with 18.5-inch FHD LCD and supports LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W). It also provides M.2 Key E and PCI Express Mini Card slots for add-on devices such like Wi-Fi module for factory automation and oil pipe monitoring system.

18.5-inch FHD LCD with PCT or Resistive Touch

The 18.5" FHD touch panel PC supports 500 nits brightness to display contents in FHD resolution. With projected capacitive multi-touch screen or 5-wire resistive touch, users can operate the device directly and friendly. The touch glass surface is up to 3H for anti-scratch purpose.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	18.5" FHD TFT LCD
	Brightness (cd/m ²)	500 nits
	Resolution	1920 x 1080
Main System	CPU	LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W)
	Chipset	Intel® H310
	System Memory	1 x 260-pin DDR4-2666/2400 SO-DIMM, up to 32GB
	BIOS	AMI UEFI BIOS
	Storage	1 x mSATA 1 x 2.5" SATA HDD/SSD (7 mm and 9.5 mm height; removable)
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Intel® integrated Gfx graphic engine

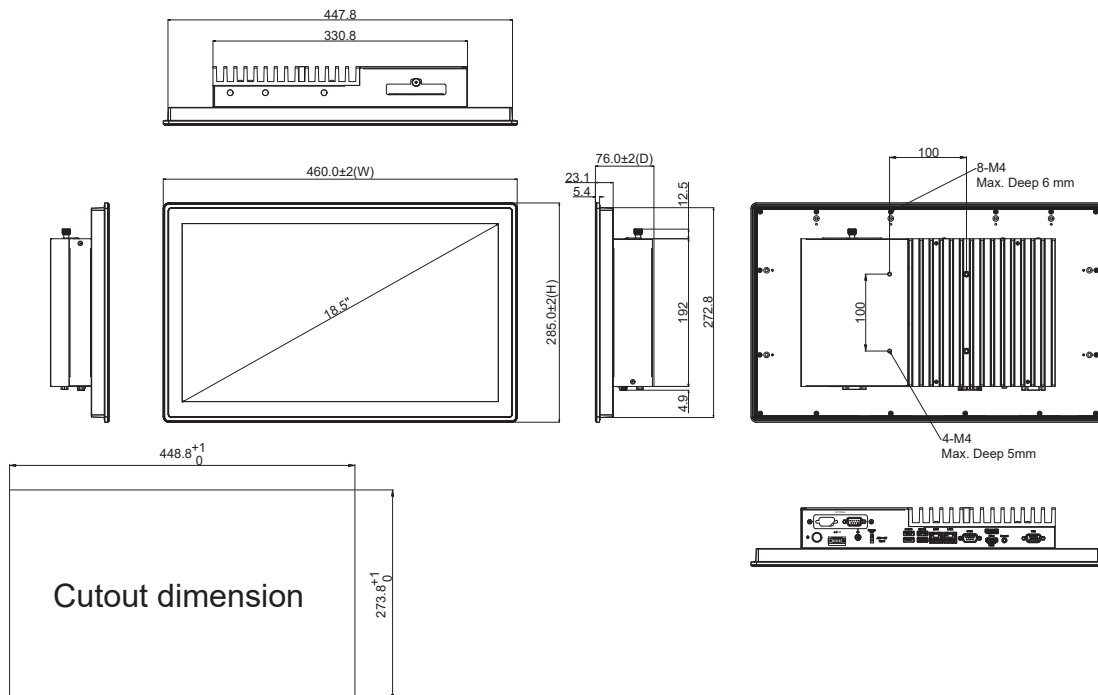
Specifications

I/O Connector	1 x 9-pin D-sub Male for RS-232 1 x COM for RS232/422/485 2 x RJ-45 for GbE 2 x USB 3.0, 2 x USB 2.0 1 x Phoenix type connector for DC power input 1 x Switch for power on/off (ATX) 1 x Line-out 1 x HDMI 1 x DP 1 x VGA 1 x Remote power switch 1 x AT/ATX switch (DC type only) 1 x Grounding hole (DC version)
TPM	TPM 2.0
Expansion Interface	1 x Full-size PCI-Express Mini Card slot (PCIe + SATA + USB) 1 x M.2 Key E 2230 (for Wi-Fi)
Touchscreen	Projected capacitive multi-touch or 5-wire resistive touch
Power Supply	+12V/+19V/+24VDC 1x terminal block
Power Consumption	120W
Dimensions	460.8 mm (18.11") (W) x 77 mm (3.04") (D) x 285 mm (11.22") (H)
Packing Dimensions	605 mm (23.81") (W) x 200 mm (7.87") (D) x 505 mm (19.88") (H)
Weight (net/gross)	7.8kg (17.2lb)/10.2kg (22.5lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)
Relative Humidity	20% to 90% @ +40°C; non-condensing
Operation Vibration	1G, 10 - 500 Hz, random for 2.5" SATA HDD
Certifications	CE, EN 61000-6-2, EN 61000-6-4

Packing List

1 x GOT318WL-521
1 x Phoenix connector

Dimensions



Ordering Information

GOT318W-521-PCT-DC (P/N: E22B318104)	18.5" FHD TFT fanless touch panel computer support LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W), projected capacitive multi-touch screen, and 24 VDC terminal block with small Phoenix connector
GOT318W-521-R-DC (P/N: E22B318105)	18.5" FHD TFT fanless touch panel computer supports LGA1151 9th/8th gen Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W), 5-wire resistive touch screen, and 24 VDC terminal block with small Phoenix connector

* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

4G LTE Kit	
Wi-Fi kit	
881231770A0E	Wall mount kit
882B31800A0E	Panel mount kit
50906D24000E	Adaptor 24V/120W, wire only, FSP120-AAAN3
594K6220210E	Remote power cable, L= 720 mm

Optional EOS Installation

Windows® 10 IoT Enterprise

Optional OS Installation

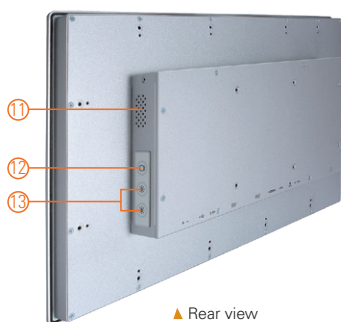
Windows® 10

GOT318WL-845

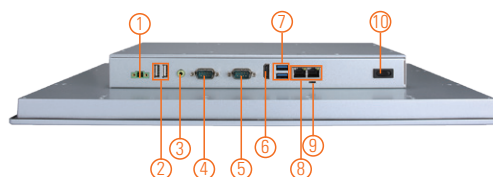
18.5" WXGA TFT Multi-touch Panel Computer with Intel® Pentium® Processor N3710

Features

- 18.5" WXGA multi-touch projected capacitive widescreen or flat resistive touch (optional)
- Fanless design with Intel® Pentium® processor N3710
- 2.5" SATA HDD and mSATA
- 3G, WLAN module and antennas (optional)
- 2 GbE LANs, 2 USB 3.0, 2 USB 2.0, and 2 COM
- IP65-rated aluminum front bezel
- Supports panel mount and VESA mount (VESA arm/desktop stand/wall mount is optional)
- Adjustable RS-232/422/485 setting via BIOS



▲ Rear view



- | | | |
|--------------------------------------|-----------------------------|---------------------------|
| 1. Terminal block for DC power input | 6. 1 x HDMI | 11. Speaker |
| 2. 2 x USB 2.0 | 7. 2 x USB 3.0 | 12. Backlight switch |
| 3. 1 x Line-out | 8. 2 x LAN | 13. Brightness adjust +/- |
| 4. 1 x RS-232/422/485 | 9. AT/ATX selectable switch | |
| 5. 1 x RS-232 | 10. Power switch (ATX) | |



Introduction

The GOT318WL-845 adopts an 18.5-inch WXGA LCD and supports low-power Intel® Pentium® processor N3710. It also provides two PCI Express Mini Card slots for 3G and wireless network connectivity. This 18.5" multi-touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

18.5-inch WXGA LCD with Projected Capacitive Multi-touch

The 18.5" WXGA touch panel PC supports 250 nits brightness, able to display contents in HD resolution. With projected capacitive multi-touch screen, users can operate the device more directly and friendly. The hardness of touch glass surface is up to 7h for anti-scratch purpose.

WLAN Antenna Supported (optional)

The GOT318WL-845 provides two PCI Express Mini Card slots and WLAN antennas for 3G and wireless network connectivity.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	18.5" WXGA TFT LCD
	Brightness (cd/m ²)	250 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Pentium® processor N3710 4C @ 1.6 GHz (Braswell)
	Chipset	SoC integrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD (9.5 mm height) 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

Specifications

I/O Connector	1 x RS-232 1 x RS-232/422/485 1 x Switch for power on/off (ATX) 1 x Audio (Line-out) 2 x USB 3.0 2 x USB 2.0 2 x GbE (Intel® i211-AT)
TPM	N/A
Expansion Interface	1 x Full-size PCI Express Mini Card slot with mSATA 1 x Full-size PCI Express Mini Card slot with SIM
Touchscreen	Projected capacitive multi-touch/5-wire flat resistive touch (optional)
Power Supply	DC version: 24 VDC
Power Consumption	48W
Dimensions	460.8 mm (18.11") (W) x 58.5 mm (2.3") (D) x 285 mm (11.22") (H)
Packing Dimensions	600 mm (23.58") (W) x 195 mm (7.67") (D) x 500 mm (19.68") (H)
Weight (net/gross)	5.8 kg (12.8 lb)/8.2 kg (18.1 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)
Relative Humidity	20% to 90% @ +40°C; non-condensing
Operation Vibration	1G, 10 - 500 Hz, random for 2.5" SATA HDD
Certifications	CE

Packing List

1 x GOT318WL-845
1 x Phoenix connector
1 x Panel mount kit

Ordering Information

GOT318WL-845-FR-DC (P/N: E22B318102)	18.5" WXGA TFT fanless touch panel computer with Intel® Pentium® N3710 1.6 GHz processor, 5-wire resistive screen, and 24 VDC terminal block connector
GOT318WL-845-PCT-DC (P/N: E22B318100)	18.5" WXGA TFT fanless touch panel computer with Intel® Pentium® N3710 1.6 GHz processor, projected capacitive multi-touch screen, and 24 VDC terminal block connector

*Other configuration by request

*Specification and certifications may vary based on different requirements

Optional Accessories

4G LTE kit	
Wi-Fi kit	
881231770A0E	Wall mount kit
50906D24000E	Adaptor 24V/120W, wire only, FSP120-AAAN3

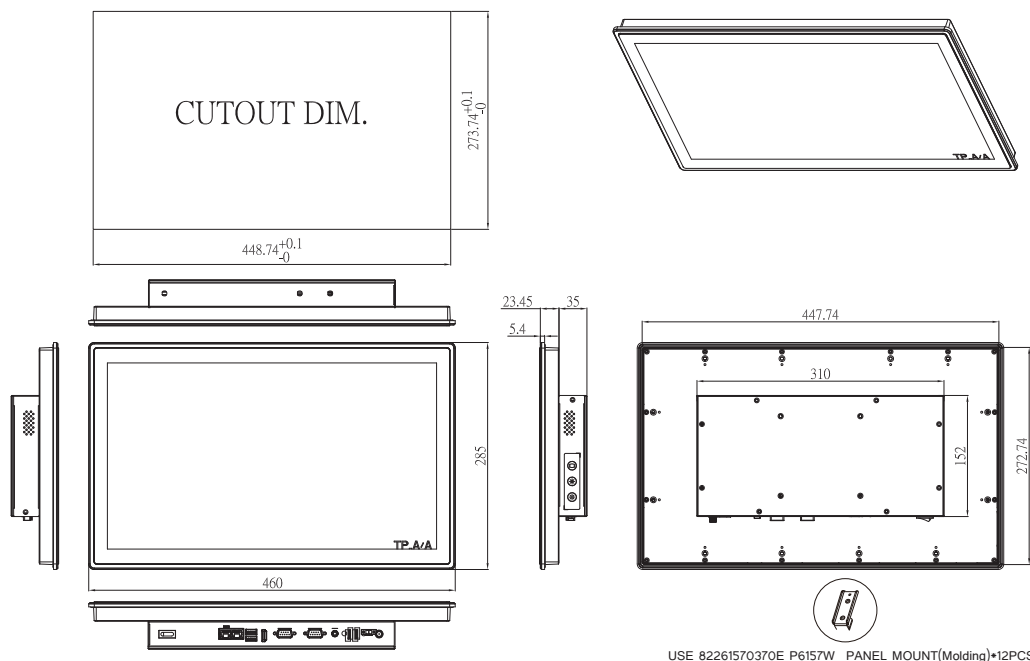
Optional EOS Installation

Windows® 10 IoT Enterprise

Optional OS Installation

Windows® 10

Dimensions

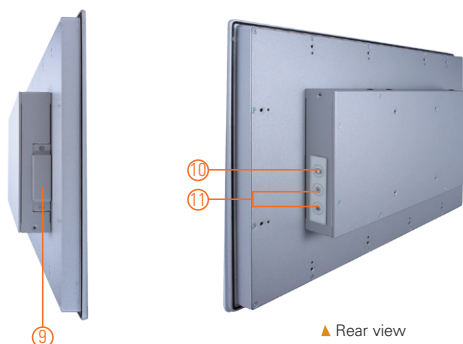


GOT3187WL-834

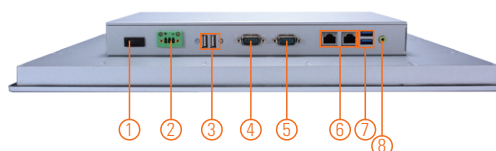
18.5" WXGA/FHD TFT Multi-touch Panel Computer with Intel® Celeron® Processor J1900

Features

- 18.5" projected capacitive multi-touch wide screen
- Resolution up to FHD
- Fanless design with Intel® Celeron® Processor J1900
- 2.5" 7/9.5 mm SATA HDD and CFast™ or mSATA
- 3G, WLAN module and antennas (optional)
- 2 GbE LANs, 2 USB 3.0, 2 USB 2.0, and 2 COM
- IP65 aluminum front bezel
- Supports panel mount and optional VESA arm/desktop stand/wall mount
- 0°C to +40°C wide operating temperature range
- Adjust RS-232/422/485 setting via BIOS



▲ Rear view



1. Power switch
2. Terminal block for DC power input
3. 2 x USB 2.0
4. COM 1 (RS-232/422/485)
5. COM 2 (RS-232/422/485)
6. 2 x LAN
7. 2 x USB 3.0
8. Audio (Line-out)
9. CFast™ slot
10. Backlight switch
11. Brightness adjustment



Introduction

The GOT3187WL-834-PCT adopts an 18.5-inch WXGA/FHD LCD and supports Intel® Celeron® processor J1900. The Lite rugged industrial panel PC supports low power Intel® Celeron® processor J1900. It also provides two PCI Express Mini card slots for 3G and wireless network connectivity. This 18.5" multi-touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

18.5-inch LCD with Projected Capacitive Multi-touch

The 18.5" WXGA/FHD touch panel PC supports 250/500 nits brightness and can display contents in HD resolution. With projected capacitive multi-touch screen, users can operate the device more directly and friendly. The hardness of touch glass surface is up to 7h for anti-scratch purpose.

WLAN Antenna Supported (optional)

The IP65-rated industrial panel PC, GOT3187WL-834-PCT, provides two PCI Express Mini card slots and WLAN antennas for 3G and wireless network connectivity.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	18.5" WXGA TFT LCD 18.5" FHD TFT LCD
	Brightness (cd/m ²)	250 nits (WXGA) 500 nits (FHD)
	Resolution	1366 x 768 1920 x 1080
Main System	CPU	Intel® Celeron® processor J1900 4C @ 2.0 GHz
	Chipset	SoC Integrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" 7/9.5 mm SATA HDD 1 x CFast™ or 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

Specifications

I/O Connector	2 x RS-232/422/485 1 x switch for power on/off (ATX) 1 x audio (Line-out) 2 x USB 3.0 2 x USB 2.0 2 x GbE (Intel® i210-IT)
TPM	N/A
Expansion Interface	1 x full-size PCI Express Mini Card slot with mSATA 1 x full-size PCI Express Mini Card slot with SIM
Touchscreen	Projected capacitive multi-touch
Power Supply	DC version: 9 to 36 VDC AC version: 12 VDC 60W adapter (WXGA version) AC version: 12 VDC 84W adapter (FHD version)
Power Consumption	49W (WXGA) 60W (FHD)
Dimensions	460.8 mm (18.11") (W) x 58.5 mm (2.3") (D) x 285 mm (11.22") (H)
Packing Dimensions	600 mm (23.58") (W) x 195 mm (7.67") (D) x 500 mm (19.68") (H)
Weight (net/gross)	5.8 kg (12.8 lb)/8.2 kg (18.1 lb)
Operating Temperature	0°C to +40°C (+32°F to +104°F)
Relative Humidity	20% to 90% @ +40°C; non-condensing
Operation Vibration	2G, 10 - 500Hz, random for CFast™
Certificate	CE

Packing List

- 1 x GOT3187W-834
- 1 x Adapter (AC Version)
- 1 x Phoenix connector (DC Version)
- 1 x Panel mount kit set

Ordering Information

GOT3187WL-834-PCT-FHD-DC (P/N: E223187109)	18.5" FHD TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz quad core processor, projected capacitive multi-touch screen, and 12 to 36 VDC terminal block connector
GOT3187WL-834-PCT-J (P/N: E223187106)	18.5" WXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz quad core processor, projected capacitive multi-touch screen, and AC-DC 12 VDC power adapter (screw type connector)
GOT3187WL-834-PCT-DC (P/N: E223187107)	18.5" WXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz quad core processor, projected capacitive multi-touch screen, and 9 to 36 VDC terminal block connector

* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

Wi-Fi Kit	
881231770A0E	Wall mount kit

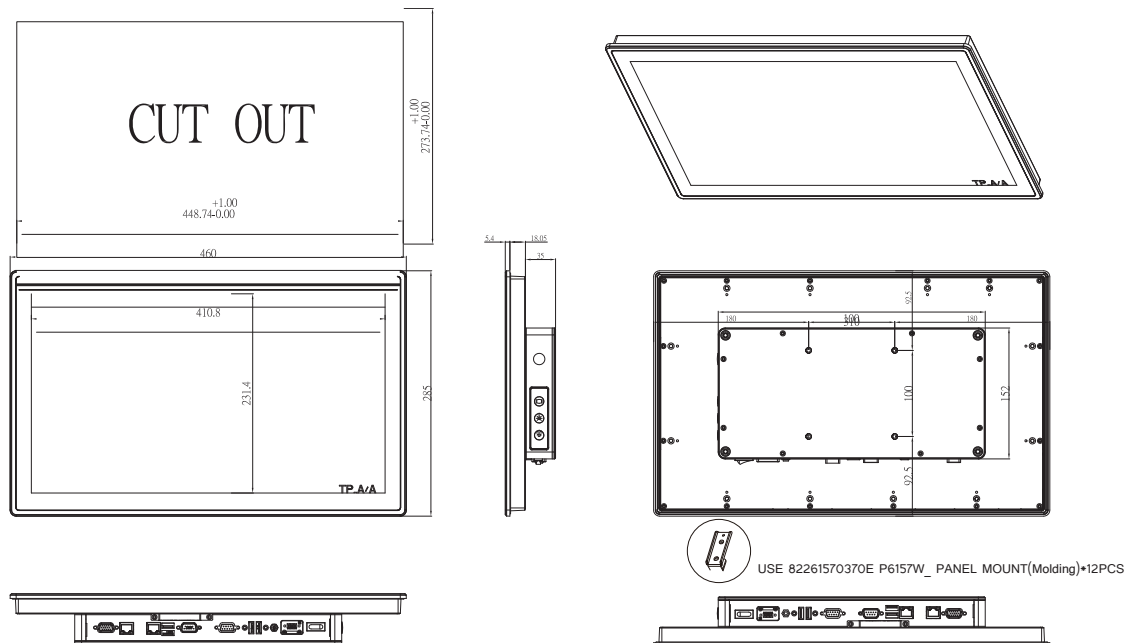
Optional EOS Installation

WE8S
WES 7
Windows® 10 IoT Enterprise

Optional OS Installation

Windows® 7
Windows® 8.1
Windows® 10

Dimensions



GOT321W-521 NEW

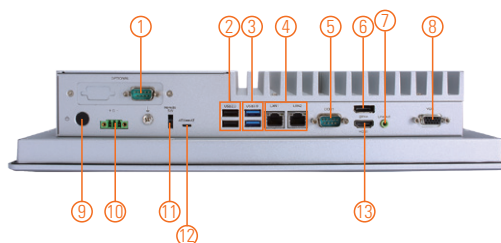
21.5" FHD TFT Expandable Touch Panel Computer with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W)

Features

- 21.5" FHD 10-point multi-touch projected capacitive widescreen or 5-wire resistive touch
- Fanless design with LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W)
- Supports WLAN module and antenna (optional)
- 2.5" SATA HDD/SSD
- 2 LAN, 4 USB, 2 COM, 1 HDMI, 1 DisplayPort, and 1 VGA
- IP65-rated aluminum front bezel
- Supports panel mount, VESA mount, and wall mount



▲ Rear view



- | | | |
|--------------------|---------------------------------------|------------------------------|
| 1. 1 x COM (cable) | 6. 1 x DisplayPort | 11. Remote power switch |
| 2. 2 x USB 2.0 | 7. 1 x Line-out | 12. AT/ATX selectable switch |
| 3. 2 x USB 3.0 | 8. 1 x VGA | 13. 1 x HDMI |
| 4. 2 x LAN | 9. Power button (ATX) | |
| 5. 1 x COM | 10. Terminal block for DC power input | |



Fanless



DualView



DDR4



USB 3.0



IP65

Introduction

The GOT321W-521 is a fanless panel PC with 21.5-inch FHD LCD and supports LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W). It also provides M.2 Key E and PCI-Express Mini Card slots for add-on devices (e.g. Wi-Fi module) for factory automation and oil pipe monitoring system.

21.5-inch FHD LCD with PCT or Resistive Touch

The GOT321W-521 supports 250 nits brightness with FHD resolution. Equipped with projected capacitive multi-touch screen or 5-wire resistive touch, the GOT321W-521 is user-friendly for operators. The touch glass surface is also up to 3H for anti scratch.

Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	21.5" FHD TFT
	Brightness	250 nits
	Resolution	1920 x 1080 pixels
	Viewing Angle	178°/178°
Main System	CPU	LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W)
	Chipset	Intel® H310
	System Memory	1 x 260-pin DDR4-2666/2400 SO-DIMM, up to 32GB
	BIOS	AMI UEFI BIOS
	Storage	1 x mSATA 1 x 2.5" SATA HDD/SSD (7 mm and 9.5 mm height; removable)
	Drive	N/A
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Intel® integrated Gfx graphic engine

Specifications

IO Connector	1 x 9-pin D-sub Male for RS-232 1 x COM for RS-232/422/485 2 x RJ-45 for GbE 2 x USB 3.0 2 x USB 2.0 1 x Phoenix-type connector for DC power input 1 x Switch for power on/off (ATX) 1 x Line-out 1 x HDMI 1 x DP 1 x VGA 1 x Remote power switch 1 x AT/ATX switch (DC type only) 1 x Grounding hole (DC Version)
TPM	TPM 2.0
Expansion Interface	1 x Full-size PCI-Express Mini Card slot (PCIe + SATA + USB) 1 x M.2 Key E 2230 (for Wi-Fi)
Touchscreen	10-point projected capacitive multi-touch 5-wire flat resistive touch
Power Supply	+12V/+19V/+24VDC 1x terminal block
Power Consumption	105W
Dimensions	547.59 mm (21.56") (W) x 75.6 mm (2.98") (D) x 339.05 mm (13.49") (H)
Packing Dimensions	720 mm (28.34") (W) x 210 mm (8.27") (D) x 550 mm (2.17") (H)
Weight (net/gross)	8.4 kg (18.5 lb)/11.3 kg (24.9 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)
Relative Humidity	20% to 90% @ +40°C; non-condensing
Operating Vibration	1.0G, 5 - 500Hz, random
Certifications	CE

Packing List

1 x GOT321W-521
1 x Phoenix connector

Ordering Information

GOT321W-521-PCT-DC	21.5" FHD TFT fanless touch panel computer with LGA1151 socket 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W), projected capacitive multitouch screen, and 24 VDC terminal block with small Phoenix connector
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* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

Wi-Fi kit	
881231770A0E	Wall mount kit
881262170A0E	Panel mount kit
50906D24000E	Adaptor 24V/120W, wire only, FSP120-AAAN3
594K6220210E	Remote power cable, L=720mm

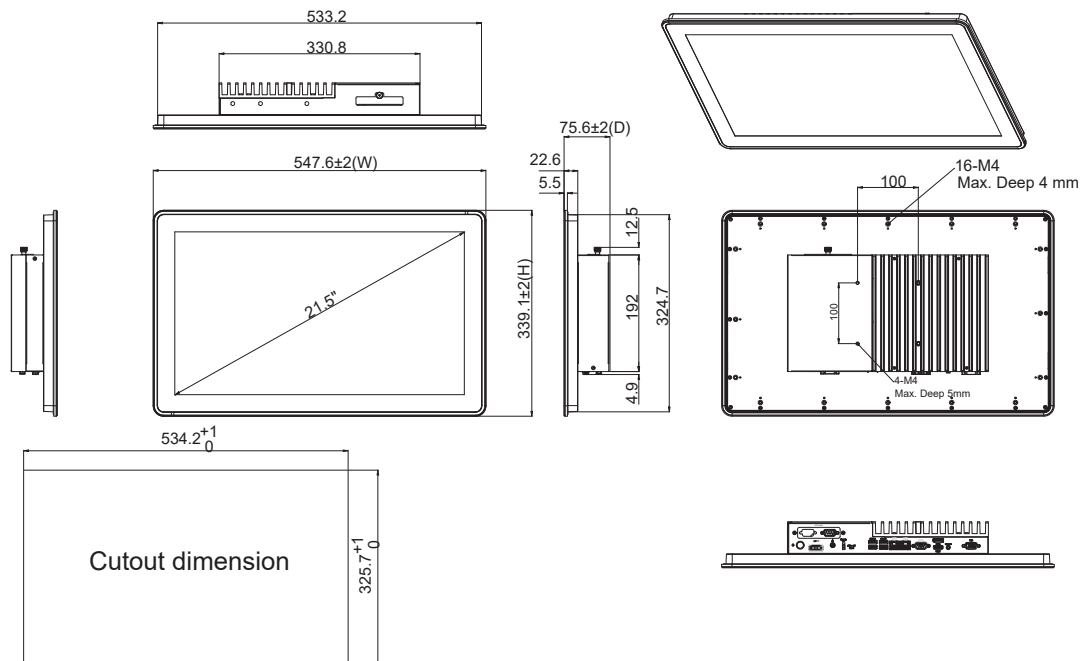
Optional EOS Installation

Windows®10 IoT Enterprise

Optional OS Installation

Windows® 10

Dimensions

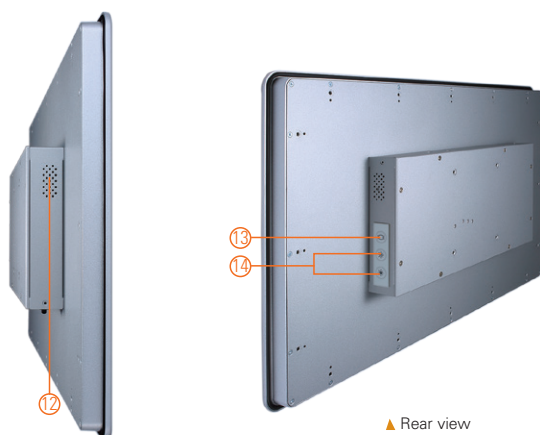


GOT3217WL-845-PCT

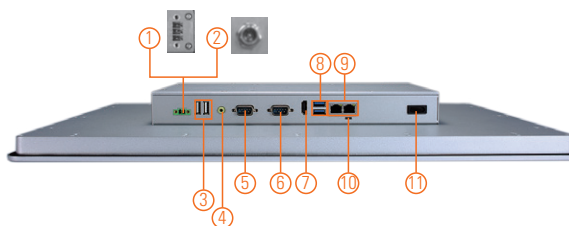
21.5" FHD TFT Multi-touch Panel Computer with Intel® Pentium® Processor N3710

Features

- 21.5" FHD 10-point multi-touch projected capacitive widescreen
- Fanless design with Intel® Pentium® processor N3710
- 2.5" 7/9.5 mm SATA HDD and mSATA
- 3G, WLAN module and antennas (optional)
- 2 GbE LANs, 2 USB 3.0, 2 USB 2.0, and 2 COM
- IP65-rated aluminum front bezel
- Supports panel mount and VESA mount (VESA arm/desktop stand/wall mount is optional)
- Adjustable RS-232/422/485 setting via BIOS



▲ Rear view



1. Terminal block for DC power input or screw conn. w/ AC power adapter
2. 1 x RS-232
3. 1 x HDMI
4. 2 x USB 2.0
5. 2 x USB 3.0
6. 1 x RS-232/422/485
7. 1 x RS-232
8. 2 x LAN
9. 2 x USB 3.0
10. AT/ATX selectable switch
11. Power Switch (ATX)
12. Speaker
13. Backlight switch
14. Brightness adjust +/-



Introduction

The GOT3217WL-845-PCT adopts a 21.5-inch FHD LCD and supports low-power Intel® Pentium® processor N3710. It also provides two PCI Express Mini card slots for 3G and wireless network connectivity. This 21.5" multi-touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

21.5-inch FHD LCD with Projected Capacitive Multi-touch

The 21.5" FHD touch panel PC has a 21.5-inch FHD TFT LCD display with a 10-point multitouch screen and 250 nits brightness. The hardness of touch glass surface is up to 7H for anti-scratch purpose.

WLAN Antenna Supported (optional)

The GOT3217WL-845-PCT provides two PCI Express Mini card slots and WLAN antennas for 4G and wireless network connectivity.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	21.5" FHD TFT LCD
	Brightness (cd/m ²)	250 nits
	Resolution	1920 x 1080
Main System	CPU	Intel® Pentium® processor N3710 4C @ 1.6 GHz (Braswell)
	Chipset	SoC Integrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD (9.5 mm height) 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

Specifications

I/O Connector	1 x RS-232 1 x RS-232/422/485 1 x Switch for power on/off (ATX) 1 x Audio (Line-out) 2 x USB 3.0 2 x USB 2.0 2 x GbE (Intel® i211-AT)
TPM	N/A
Expansion Interface	1 x Full-size PCI Express Mini Card slot with mSATA 1 x Full-size PCI Express Mini Card slot with SIM
Touchscreen	10-point projected capacitive multi-touch
Power Supply	1. DC version: 24 VDC 2. AC version: 12 VDC 60W adapter
Power Consumption	48 W
Dimensions	547.6 mm (21.56") (W) x 58.5 mm (2.30") (D) x 339.0 mm (13.35") (H)
Packing Dimensions	720 mm (28.34") (W) x 210 mm (8.27") (D) x 550 mm (2.17") (H)
Weight (net/gross)	7.6 kg (16.8 lb)/10.5 kg (23.1 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)
Relative Humidity	20% to 90% @ +40°C; non-condensing
Operation Vibration	1G, 10 - 500 Hz, random for 2.5" SATA HDD
Certificate	CE

Packing List

1 x GOT3217WL-845-PCT
1 x Adapter (GOT3217WL-845-PCT-J)
1 x Phoenix connector (GOT3217WL-845-PCT-DC, 24 VDC)
1 x Panel mount kit

Ordering Information

GOT3217WL-845-PCT-J (P/N: E223217101)	21.5" FHD TFT fanless touch panel computer with Intel® Pentium® N3710 1.6 GHz quad core processor, 10-point projected capacitive multi-touch screen, and AC-DC 12 VDC power adapter (screw type connector)
GOT3217WL-845-PCT-DC (P/N: E223217102)	21.5" FHD TFT fanless touch panel computer with Intel® Pentium® N3710 1.6 GHz quad core processor, 10-point projected capacitive multi-touch screen, and 24 VDC terminal block connector

* Other configuration by request
* Specification and certifications are based on requirements and may vary.

Optional Accessories

4G LTE kit	
Wi-Fi kit	
881231770A0E	Wall mount kit
50906D24000E	Adaptor 24V/120W, wire only, FSP120-AAAN3 (for DC model)

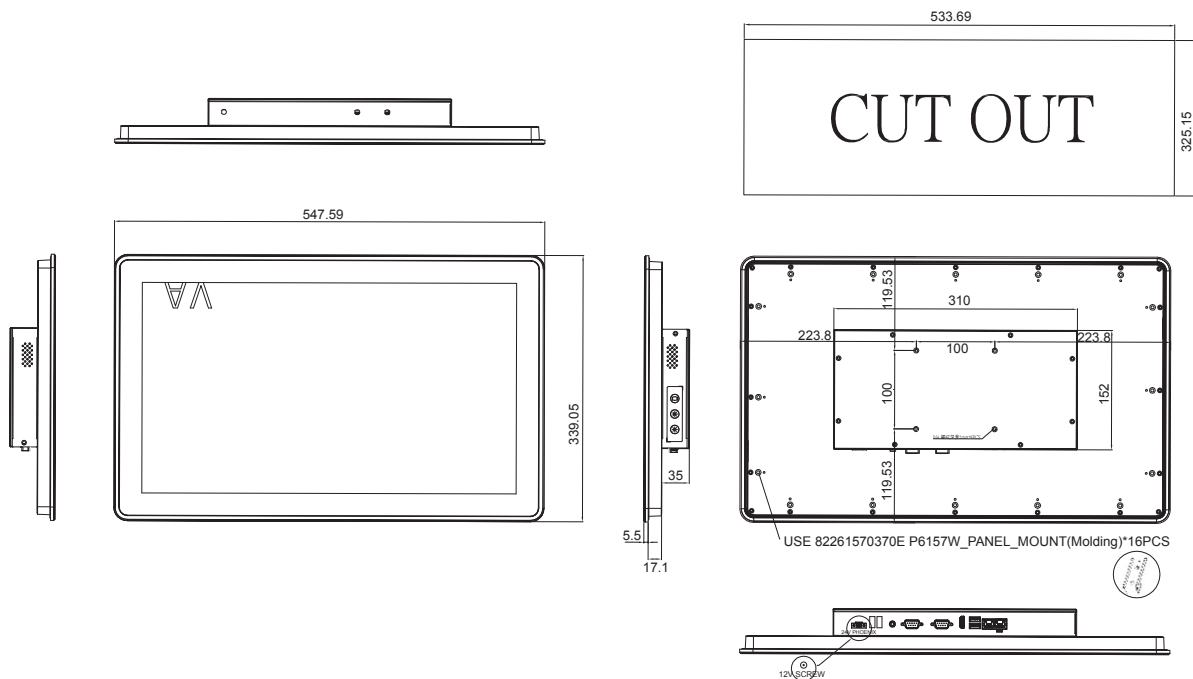
Optional EOS Installation

Windows® 10 IoT Enterprise

Optional OS Installation

Windows® 10



Dimensions



3

Stainless Touch Panel Computers

The GOT800 series is specifically designed for dusty or wet spaces in food factories or kitchen and low temperature environments such as cold storage warehouses. This product line provides an IP66-rated or IP69K-rated housing option, a sunlight readable display, and a wide operating temperature range.

Selection Guide		41
GOT810-845	10.4" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT or Resistive Touch Panel Computer with Intel® Celeron® N3060 and Flat Bezel Design (-10°C to +50°C)	43
 GOT812W-511	12.1" WXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT or Resistive Touch Panel Computer with Intel® Core™ i5-7300U and Flat Bezel Design (-20°C to +50°C)	45
GOR815-834	15" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT or Resistive Touch Panel Computer with Intel® Atom® E3827 and Flat Bezel Design (-20°C to +55°C)	47
GOT815L-511	15" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT or Resistive Touch Panel Computer with Intel® Core™ i5-7300U and Flat Bezel Design (-20°C to +50°C)	49
 GOT815W-511	15.6" FHD TFT IP66 & IP69K-rated Stainless Steel Fanless PCT or Resistive Touch Panel Computer with Intel® Core™ i5-7300U and Flat Bezel Design (-20°C to +50°C)	51
GOT817-834	17" SXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT or Resistive Touch Panel Computer with Intel® Atom® E3827 and Flat Bezel Design (-20°C to +55°C)	53
GOT817L-511	17" SXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT or Resistive Touch Panel Computer with Intel® Core™ i5-7300U and Flat Bezel Design (-20°C to +50°C)	55

Industrial Panel PCs

Stainless Touch Panel Computers

Selection Guide



NEW



Features\Models	GOT810-845	GOT812W-511	GOT815-834
CPU Level	Intel® Celeron® N3060 2C @ 1.6 GHz	Intel® Core™ i5-7300U 3.5 GHz	Intel® Atom® E3827 1.75 GHz
Chipset	SoC integrated	SoC integrated	SoC integrated
System Memory	1 x DDR3L 1333 MHz SO-DIMM, up to 8GB	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB	1 x 204-pin DDR3L-1333 SO-DIMM, up to 8GB
Display	10.4" XGA TFT LCD, 350 nits	12.1" WXGA TFT LCD, 400 nits	15" XGA TFT, 420 nits
I/O	1 x RS-232/422/485 (default RS-232, M12 A-coded) 1 x RS-232 (M12 A-coded) 2 x USB 2.0 (M12 A-coded) 1 x 10/100/1000 Mbps Ethernet (M12 X-coded) 1 x DC power connector (M12)	2 x RS-232/422/485 (default RS-232, M12 A-coded) 4 x USB 2.0 (M12 A-coded) 1 x 10/100/1000 Mbps Ethernet (M12 X-coded) 1 x DC power connector (M12)	2 x RS-232/422/485 (default RS-232, M12 A-coded) 4 x USB 2.0 (M12 A-coded) 1 x 10/100/1000 Mbps Ethernet (M12 X-coded) 1 x DC power connector (M12)
Storage	1 x mSATA 1 x SATA	1 x 2.5" SSD HDD or 1 x 2.5" SATA HDD	1 x 2.5" SSD 1 x CFast™
Expansion Interface	2 x PCI Express Mini Card slot	1 x Full-size PCI Express Mini Card slot 1 x Half-size PCI Express Mini Card slot	2 x PCI Express Mini Card slot
Touchscreen	5-wire resistive type or projected capacitive touch	5-wire resistive type or projected capacitive touch	5-wire resistive type or projected capacitive touch
Operating System	Windows® 8.1, WE8S, Windows® 7, WES 7, Windows® 10	Windows® 10 IoT, Windows® 10	Windows® 8.1, WE8S, Windows® 7, WES 7, Windows® 10
Power Supply	9 to 36 VDC	9 to 36 VDC	9 to 36 VDC
Power Consumption	29W	56.5W	30W
Watchdog Timer	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.
Front Bezel	Stainless steel with IP66/IP69K protection	Stainless steel with IP66/IP69K protection	Stainless steel with IP66/IP69K protection
Dimensions (W x D x H)	284 x 56 x 241 mm (11.2" x 2.2" x 9.49")	332 x 55 x 234 mm (13.06" x 2.2" x 9.21")	382 x 55 x 305 mm (15.4" x 2.2" x 12.01")
Weight (net/gross)	2.8 kg (6.17 lb)/4 kg (8.82 lb)	4.55 kg (10.03 lb)/6 kg (13.22 lb)	6.94 kg (15.3 lb)/10.2 kg (22.5 lb)
Operating Temperature	-10°C to +50°C (14°F to +122°F)	-20°C to +50°C (-4°F to +122°F)	-20°C to +50°C (-4°F to +122°F)
Certifications	CE	CE	CE

Stainless
Touch Panel
Computers

1

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Stainless Touch Panel Computers

Selection Guide



NEW



Features/Models	GOT815L-511	GOT815W-511	GOT817-834
CPU Level	Intel® Core™ i5-7300U 3.5 GHz	Intel® Core™ i5-7300U 3.5 GHz	Intel® Atom® E3827 1.75 GHz
Chipset	SoC integrated	SoC integrated	SoC integrated
System Memory	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB	1 x 204-pin DDR3L-1333 SO-DIMM, up to 8GB
Display	15" XGA TFT LCD, 420 nits	15.6" FHD TFT LCD, 420 nits	17" SXGA TFT, 350 nits
I/O	2 x RS-232/422/485 (default RS-232, M12 A-coded) 4 x USB 2.0 (M12 A-coded) 1 x 10/100/1000 Mbps Ethernet (M12 X-coded) 1 x DC power connector (M12)	2 x RS-232/422/485 (default RS-232, M12 A-coded) 4 x USB 2.0 (M12 A-coded) 1 x 10/100/1000 Mbps Ethernet (M12 X-coded) 1 x DC power connector (M12)	2 x RS-232/422/485 (default RS-232, M12 A-coded) 4 x USB 2.0 (M12 A-coded) 1 x 10/100/1000 Mbps Ethernet (M12 X-coded) 1 x DC power connector (M12)
Storage	1 x 2.5" SSD HDD or 1 x 2.5" SATA HDD	1 x 2.5" SSD HDD or 1 x 2.5" SATA HDD	1 x 2.5" SSD 1 x CFast™
Expansion Interface	1 x Full-size PCI Express Mini Card slot 1 x Half-size PCI Express Mini Card slot	1 x Full-size PCI Express Mini Card slot 1 x Half-size PCI Express Mini Card slot	2 x PCI Express Mini Card slot
Touchscreen	5-wire resistive touch or projected capacitive multi-touch	5-wire resistive touch or projected capacitive multi-touch	5-wire resistive type or projected capacitive touch
Operating System	Windows® 10 IoT, Windows® 10	Windows® 10 IoT, Windows® 10	Windows® 8.1, WE8S, Windows® 7, WES 7, Windows® 10
Power Supply	9 to 36 VDC	9 to 36 VDC	12 to 36 VDC
Power Consumption	45W	58.5W	50W
Watchdog Timer	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.
Front Bezel	Stainless steel with IP66/IP69K protection	Stainless steel with IP66/IP69K protection	Stainless steel with IP66/IP69K protection
Dimensions (W x D x H)	382 x 55 x 305 mm (15.4" x 2.17" x 12.01")	414.8 x 55 x 265.1 mm (16.4" x 2.2" x 10.43")	415.92 x 54.96 x 348.34 mm (16.37" x 2.16" x 13.71")
Weight (net/gross)	5.2 kg (11.46 lb)/8.4 kg (18.5 lb)	6.3 kg (13.88 lb)/7.5 kg (16.53 lb)	7.04 kg (15.52 lb)/10.3 kg (22.71 lb)
Operating Temperature	-20°C to +50°C (-4°F to +122°F)	-20°C to +50°C (-4°F to +122°F)	-20°C to +55°C (-4°F to +131°F)
Certifications	CE	CE	CE



Features\Models	GOT817L-511
CPU Level	Intel® Core™ i5-7300U 3.5 GHz
Chipset	SoC integrated
System Memory	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB
Display	17" SXGA TFT LCD, 350 nits
I/O	2 x RS-232/422/485 (default RS-232, M12 A-coded) 4 x USB 2.0 (M12 A-coded) 1 x 10/100/1000 Mbps Ethernet (M12 X-coded) 1 x DC power connector (M12)
Storage	1 x 2.5" SSD HDD or 1 x 2.5" SATA HDD
Expansion Interface	1 x Full-size PCI Express Mini Card slot 1 x Half-size PCI Express Mini Card slot
Touchscreen	5-wire resistive touch or projected capacitive multi-touch
Operating System	Windows® 10 IoT, Windows® 10
Power Supply	9 to 36 VDC
Power Consumption	67.5W
Watchdog Timer	255 levels, 1 to 255 sec.
Front Bezel	Stainless steel IP66/IP69K protection
Dimensions (W x D x H)	415.92 x 55 x 348.34 mm (16.37" x 2.16" x 13.71")
Weight (net/gross)	6.94 Kg (15.3 lb) / 10.2 Kg (22.5 lb)
Operating Temperature	-20°C to +50°C (-4°F to +122°F)
Certifications	CE

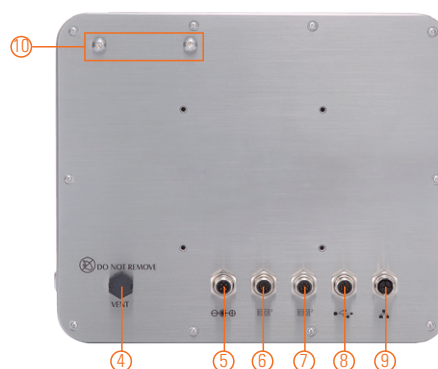
Stainless Steel Panel Computers	1
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GOT810-845

10.4" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT or Resistive Touch Panel Computer with Intel® Celeron® N3060 and Flat Bezel Design (-10°C to +50°C)

Features

- 10.4" XGA TFT LCD flat bezel projected capacitive or resistive touch
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless steel enclosure with type 316
- -10°C to +50°C wide operating temperature range
- Fanless design with Intel® Celeron® N3060
- Optional Wi-Fi/3G kit for wireless network connectivity
- 9 to 36 VDC wide range power input
- M12 type I/O connectors for harsh environments



1. Backlight on/off
2. Brightness adjust
3. Power on/off
4. Ventilation valve
5. DC power connector
6. 1 x RS-232/422/485 (default RS-232)
7. 1 x RS-232
8. 2 x USB 2.0
9. 1 x Ethernet
10. 2 x Antenna opening



Introduction

The 10.4-inch GOT810-845 is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -10°C to +50°C. Thus, this robust unit is specifically designed for high humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Compliance

The GOT810-845 adopts a water/dust-proof housing design with five IP66-rated M12 I/O connectors and IP69K compliance that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (+80°C), a flow rate of 14 to 16 L/min and a nozzle hold with distance 10 to 15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The GOT810-845 is qualified to meet harsh-environment applications.

Wide Temperature (-10°C to +50°C) & Anti-vibration (2G) Design

The GOT810-845 featuring fanless and noiseless design supports a wide operating temperature range from -10°C to +50°C. Besides, the patent of anti-vibration for SSD ensures reliability and stability.

Specifications

Enclosure	Stainless type 316	
LCD Panel	Display Type	10.4" XGA TFT LCD
	Brightness (cd/m ²)	350 nits
	Resolution	1024 x 768
	Viewing Angle (H/V)	160°/160°
Main System	CPU	Intel® Celeron® N3060 2C@1.6 GHz (up to 2.48 GHz)
	Chipset	SoC integrated
	System Memory	1 x DDR3L 1333 MHz SO-DIMM, up to 8GB
	BIOS	AMI with Axiomtek standard features such as SmartView, Ethernet Boot ROM (RPL & PXE), and customer CMOS backup
	Storage	1 x mSATA 1 x SATA
	Watchdog Timer	255 levels, 1 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX

I/O Connector	1 x RS-232/422/485 (default RS-232, M12 A-coded) 1 x RS-232 (M12 A-coded) 2 x USB 2.0 (M12 A-coded) 1 x 10/100/1000 Mbps Ethernet (M12 X-coded) 1 x DC power connector (M12)
Expansion Interface	2 x PCI Express Mini Card slot
Touchscreen	5-wire resistive touch or projected capacitive multi-touch
Power Input	9 to 36 VDC
Power Consumption	29W
Dimensions	284 mm (11.2") (W) x 56 mm (2.2") (D) x 241 mm (9.49") (H)
Packing Dimensions	415 mm (16.34") (W) x 100 mm (3.94") (D) x 315 mm (12.4") (H)
Weight (net/gross)	2.8 kg (6.17 lb)/4 kg (8.82 lb)
Operating Temperature	-10°C to +50°C (14°F to +122°F)
Relative Humidity	20% - 90% @40°C; non-condensing
Operation Vibration	2G/10 - 500Hz/operation (SSD/mSATA, random)
Certifications	CE

1 x GOT810-845
1 x DC cable

GOT810-845-R (P/N: E22B810101)	10.4" IP66 & IP69K stainless steel fanless touch panel computer with flat resistive touch, Intel® Celeron® N3060, XGA 350 nits LCD, and water-proof power cable (1.8 m)
GOT810-845-C (P/N: E22B810102)	10.4" IP66 & IP69K stainless steel fanless touch panel computer with projected capacitive touch, Intel® Celeron® N3060, XGA 350 nits LCD, and water-proof power cable (1.8 m)

* Specification and certifications may vary based on different requirements

Wi-Fi kit	
594B8122100E	Water-proof COM cable (1.8 m)
594B8122820E	USB cable M12-8P-F/2 x type A (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
50966224010E	Adapter 24V 90W, M12 A-code 5P FSP090AAAN3

WES 7

WE8S

Windows® 7
Windows® 8/8.1
Windows® 10

[illegible]

GOT812W-511 NEW

12.1" WXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT or Resistive Touch Panel Computer with Intel® Core™ i5-7300U Processor and Flat Bezel Design (-20°C to +50°C)

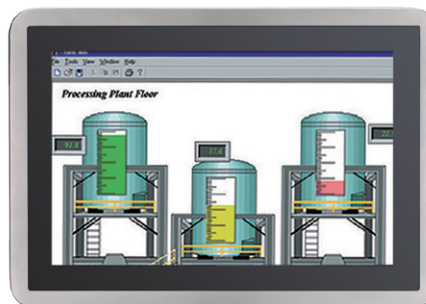
Features

- 12.1" TFT flat bezel LCD display
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless-steel enclosure with SUS 316
- -20°C to +50°C wide operating temperature range
- Fanless design with Intel® Core™ i5-7300U processor
- Optional Wi-Fi/3G kit for wireless network connectivity
- 9 to 36 VDC wide range power input
- Supports VESA mount
- M12 type connectors for harsh environments



▲ Side view

1. Backlight on/off
2. Brightness adjust +/-
3. Power on/off



4. DC power connector
5. 1 x LAN
6. 1 x RS-232/422/485 (default RS-232)
7. 1 x RS-232/422/485 (default RS-232)
8. 2 x USB 2.0
9. 2 x USB 2.0



Introduction

The 12.1-inch GOT812W-511 is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -20°C to +50°C. Thus, this robust unit is specifically designed for high humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Certified

The GOT812W-511 adopts a water/dust-proof housing design with five IP66-rated M12 I/O connectors and IP69K that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (+80°C), a flow rate of 14 to 16 L/min and a nozzle hold with distance 10 to 15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The GOT812W-511 is qualified to meet harsh-environment applications.

Wide Temperature (-20°C to +50°C) & Anti-vibration (1G) Design

The GOT812W-511 featuring fanless and noiseless design supports a wide operating temperature range from -20°C to +50°C. Besides, the patent of anti-vibration for SSD ensures reliability and stability.

Specifications

Enclosure	Stainless steel (SUS) 316	
LCD Panel	Display Type	12.1" WXGA TFT LCD
	Brightness (cd/m ²)	400 nits
	Resolution	1280 x 800
	Viewing Angle (H/V)	176°/176°
Main System	CPU	Intel® Core™ i5-7300U 2.6GHz, up to 3.5 GHz (Kaby Lake)
	Chipset	SoC integrated
	System Memory	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SSD HDD or 1 x 2.5" SATA HDD (9.5 mm height)
	Watchdog Timer	255 levels, 1 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

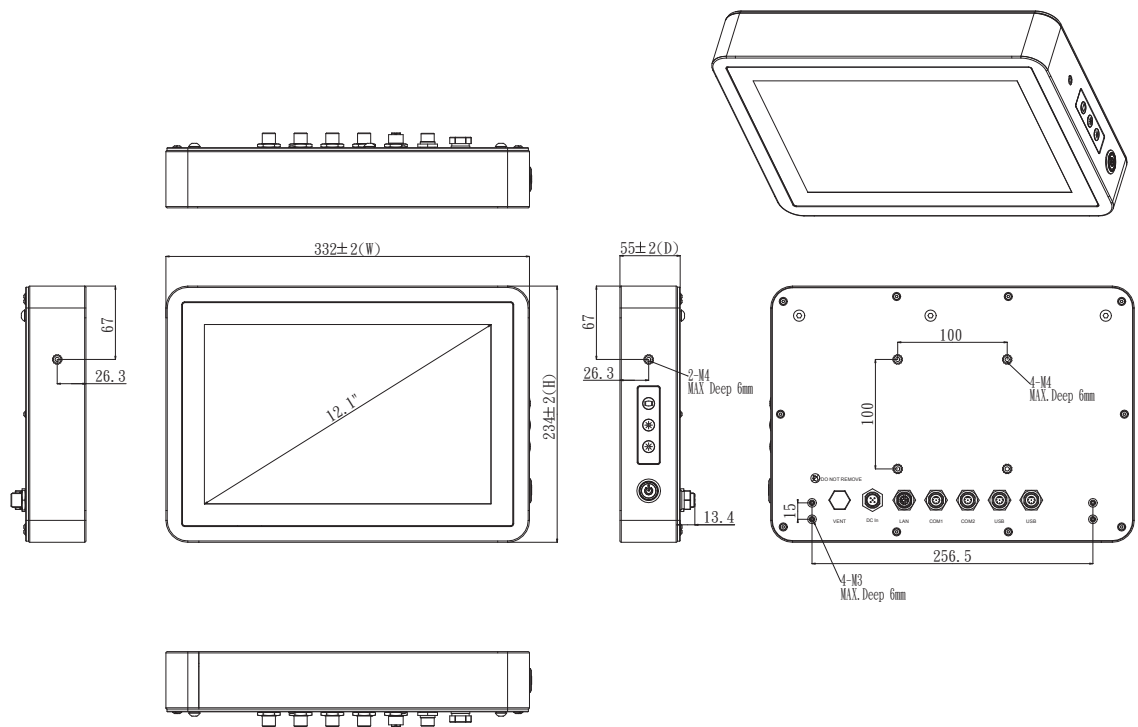
I/O Connector	2 x RS-232/422/485 (default RS-232, A-coded) 4 x USB 2.0 (A-coded) 1 x 10/100/1000 Mbps Ethernet supporting PXE and LAN wake-up (Intel® I210-IT; X-coded) 1 x DC power connector (M12)
Expansion Interface	1 x Full-size PCI Express Mini Card slot 1 x Half-size PCI Express Mini Card slot
Touchscreen	5-wire resistive touch or projected capacitive multi-touch
Power Input	9 to 36 VDC
Power Consumption	56.5W
Dimensions	332 mm (13.07") (W) x 55 mm (2.2") (D) x 234 mm (9.21) (H)
Packing Dimensions	520mm (20.47") (W) x 196mm (7.71") (D) x 547mm (21.54") (H)
Weight (net/gross)	4.55 kg (10.03 lb)/6 kg (13.22 lb)
Operating Temperature	-20°C to +50°C (-4°F to +122°F)
Relative Humidity	10% - 95% @ +40°C, non-condensing
Operation Vibration	1G, 5 - 500Hz, random for 2.5" SSD
Certifications	CE

*W.T.: Wide temperature. All W.T. supported products have to be sorted by Axiomtek.

Packing List

1 x GOT812W-511
1 x DC cable

Dimensions



Ordering Information

GOT812W-511-C-DC (P/N: E22B812134)	12.1" WXGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Core™ i5-7300U processor, projected capacitive touch screen, 400 nits LCD, and 9 to 36 VDC power input
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* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

594B8122100E	Water-proof COM cable (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
594B8152820E	Water-proof USB cable (1.8 m)
50966224010E	Adapter 24V 90W, M12 A-code 5P FSP090AAAN3

Optional EOS Installation

Windows® 10 IoT

Optional OS Installation

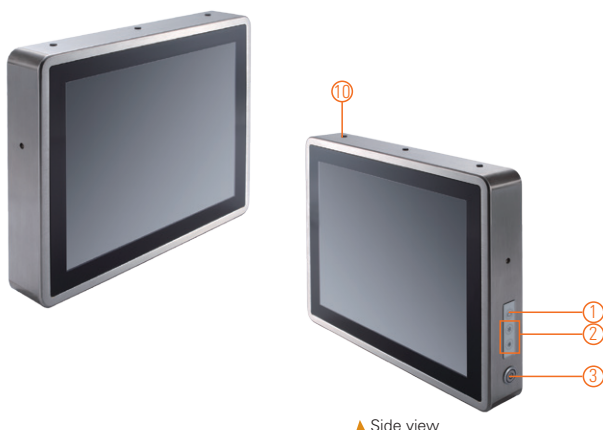
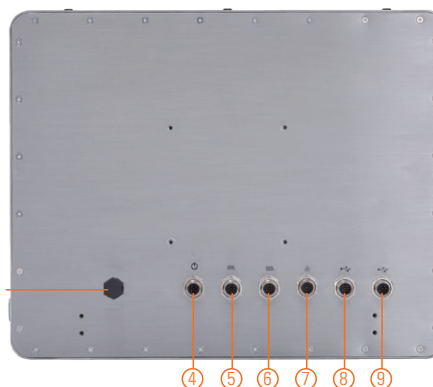
Windows® 10

GOT815-834

15" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT or Resistive Touch Panel Computer with Intel® Atom® Processor E3827 and Flat Bezel Design (-20°C to +55°C)

Features

- 15" XGA TFT LCD flat bezel projected capacitive or resistive touch
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless steel enclosure with type 316
- -20°C to +55°C wide operating temperature range
- Fanless design with Intel® Atom® processor E3827
- Optional Wi-Fi/3G kit for wireless network connectivity
- 9 to 36 VDC wide range power input
- M12 type I/O connectors for harsh environments



waterproof, dust proof
ventilation valve

1. Backlight switch
2. Brightness adjust
3. Power on/off
4. DC power connector
5. 1 x RS-232/422/485
6. 1 x RS-232/422/485
7. 1 x LAN
8. 2 x USB 2.0
9. 2 x USB 2.0
10. 3 x Wi-Fi/3G antenna (optional, only for RF version)



Introduction

The 15-inch GOT815-834 is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -20°C to +55°C. Thus, this robust unit is specifically designed for high humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Compliance

The GOT815-834 adopts a water/dust-proof housing design with five IP66-rated M12 I/O connectors and IP69K compliance that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (+80°C), a flow rate of 14 to 16 L/min and a nozzle hold with distance 10 to 15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The GOT815-834 is qualified to meet harsh-environment applications.

Wide Temperature (-20°C to +55°C) & Anti-vibration (2G)

The GOT815-834 featuring fanless and noiseless design supports a wide operating temperature range from -20°C to +55°C. Besides, the patent of anti-vibration for SSD ensures reliability and stability.

Specifications

Enclosure	Stainless type 316	
LCD Panel	Display Type	15" XGA TFT LCD
	Brightness (cd/m ²)	420 nits
	Resolution	1024 x 768
	Viewing Angle (H/V)	160°/160°
Main System	CPU	Intel® Atom® processor E3827 1.75 GHz (Bay Trail)
	Chipset	SoC integrated
	System Memory	1 x 204-pin DDR3L-1333 SO-DIMM dual channel, up to 8GB
	BIOS	AMI with Axiomtek standard features such as SmartView, Ethernet Boot ROM (RPL & PXE), and customer CMOS backup
	Storage	1 x 2.5" SSD 1 x CFast™
	Watchdog Timer	255 levels, 1 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	2 x RS-232/422/485 (default RS-232, A-coded) 4 x USB 2.0 (A-coded) 1 x 10/100/1000 Mbps Ethernet (X-coded) 1 x DC power connector (M12)
Expansion Interface	2 x PCI Express Mini Card slot
Touchscreen	5-wire resistive touch or projected capacitive multi-touch
Power Input	9 to 36 VDC
Power Consumption	30W
Dimensions	382 mm (15.4") (W) x 55 mm (2.17") (D) x 305 mm (12.01") (H)
Packing Dimensions	510 mm (20.07") (W) x 186 mm (7.32") (D) x 532 mm (20.94") (H)
Weight (net/gross)	5.2 kg (11.46 lb)/8.4 kg (18.51 lb)
Operating Temperature	-20°C to +55°C (-4°F to +131°F)
Relative Humidity	10% - 95% @ +40oC, non-condensing
Operation Vibration	2G, 5 - 500Hz, random for 2.5" SSD 2G, 5 - 500Hz, random for CompactFlash™
Certifications	CE

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Packing List

- 1 x GOT815-834
- 1 x DC cable

Ordering Information

GOT815-834-C-DC (P/N: E22B815112)	15" XGA IP66-rated stainless steel fanless touch panel computer with Intel® Atom® E3827, projected capacitive touch screen, flat bezel design, and 9 to 36 VDC power input
GOT815-834-R-DC (P/N: E22B815110)	15" XGA IP66-rated stainless steel fanless touch panel computer with Intel® Atom® E3827, 5-wire flat resistive touch screen, flat bezel design, and 9 to 36 VDC power input
GOT815-834-R-RF-DC (P/N: E22B815109)	15" XGA IP66-rated stainless steel fanless touch panel computer with Intel® Atom® E3827, 5-wire flat resistive touch screen, flat-bezel design, 9 to 36 VDC power input, and Wi-Fi or 3G

* Other configuration by request
* Specification and certifications may vary based on different requirements

Optional Accessories

594B8122100E	Water-proof COM cable (1.8 m)
594B8122820E	Water-proof USB cable (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
50966224010E	Adapter 24V 90W, M12 A-code 5P FSP090AAAN3

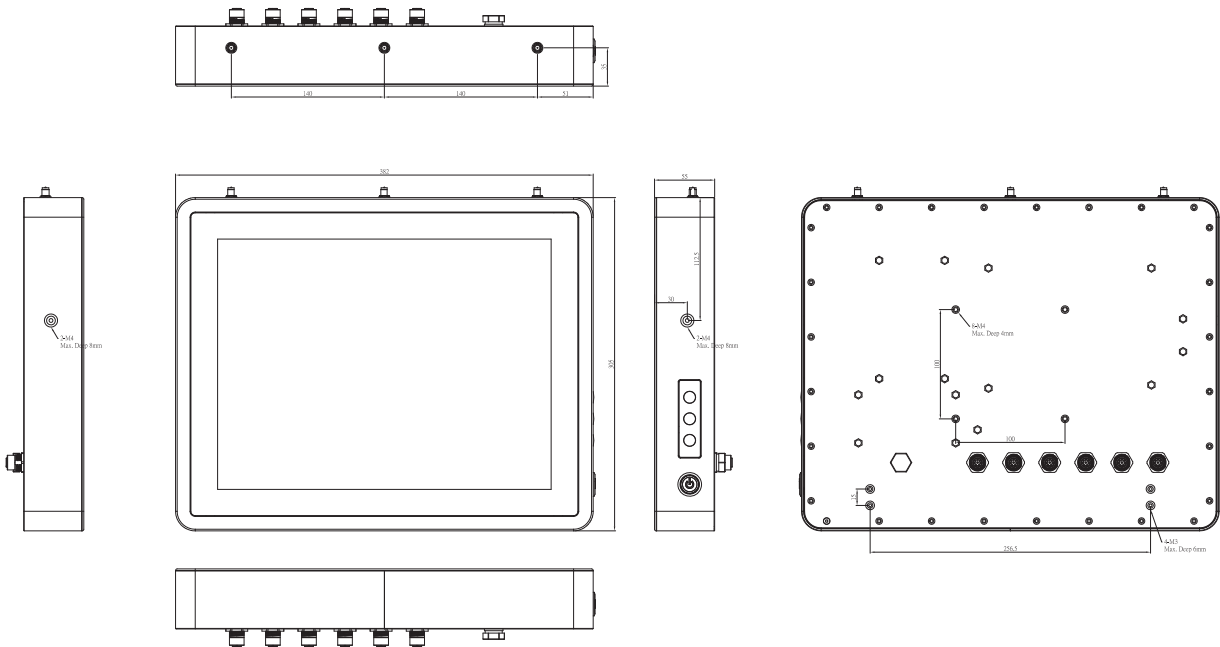
Optional EOS Installation

WES 7
WE8S

Optional OS Installation

Windows® 7
Windows® 8/8.1
Windows® 10

Dimensions

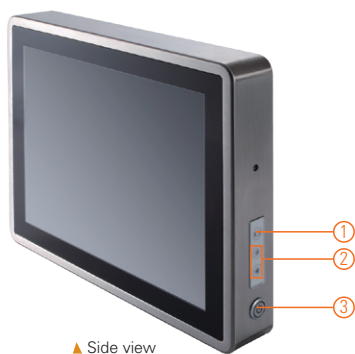


GOT815L-511

15" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT or Resistive Touch Panel Computer with Intel® Core™ i5-7300U Processor and Flat Bezel Design (-20°C to +50°C)

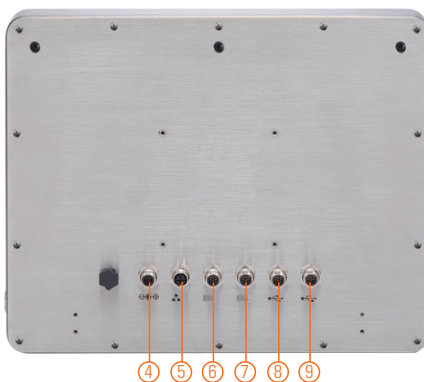
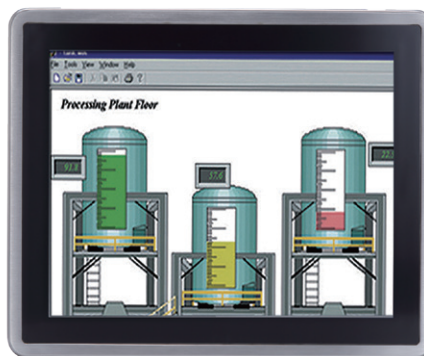
Features

- 15" XGA TFT flat bezel LCD display
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless steel enclosure with type 316
- -20°C to +50°C wide operating temperature range
- Fanless design with Intel® Core™ i5-7300U processor
- Optional Wi-Fi/3G kit for wireless network connectivity
- 9 to 36 VDC wide range power input
- Supports VESA mount
- M12 type connectors for harsh environments



▲ Side view

1. Backlight on/off
2. Brightness adjust +/-
3. Power on/off



4. DC power connector
5. 1 x LAN
6. 1 x RS-232/422/485 (default RS-232)
7. 1 x RS-232/422/485 (default RS-232)
8. 2 x USB 2.0
9. 2 x USB 2.0

Introduction

The 15-inch GOT815L-511 is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -20°C to +50°C. Thus, this robust unit is specifically designed for high humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Certified

The GOT815L-511 adopts a water/dust-proof housing design with five IP66-rated M12 I/O connectors and IP69K that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (+80°C), a flow rate of 14 to 16 L/min and a nozzle hold with distance 10 to 15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The GOT815L-511 is qualified to meet harsh-environment applications.

Wide Temperature (-20°C to +50°C) & Anti-vibration (1G) Design

The GOT815L-511 featuring fanless and noiseless design supports a wide operating temperature range from -20°C to +50°C. Besides, the patent of anti-vibration for SSD ensures reliability and stability.

Specifications

Enclosure	Stainless type 316
LCD Panel	Display Type 15" XGA TFT LCD
	Brightness (cd/m ²) 420 nits
	Resolution 1024 x 768
	Viewing Angle (H/V) 160°/160°
Main System	CPU Intel® Core™ i5-7300U 3.5 GHz (Kaby Lake)
	Chipset SoC integrated
	System Memory 1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB
	BIOS AMI UEFI BIOS
	Storage 1 x 2.5" SSD HDD or 1 x 2.5" SATA HDD (9.5 mm height)
	Watchdog Timer 255 levels, 1 to 255 sec.
	Onboard Graphics Integrated in Intel® GFX

Specifications

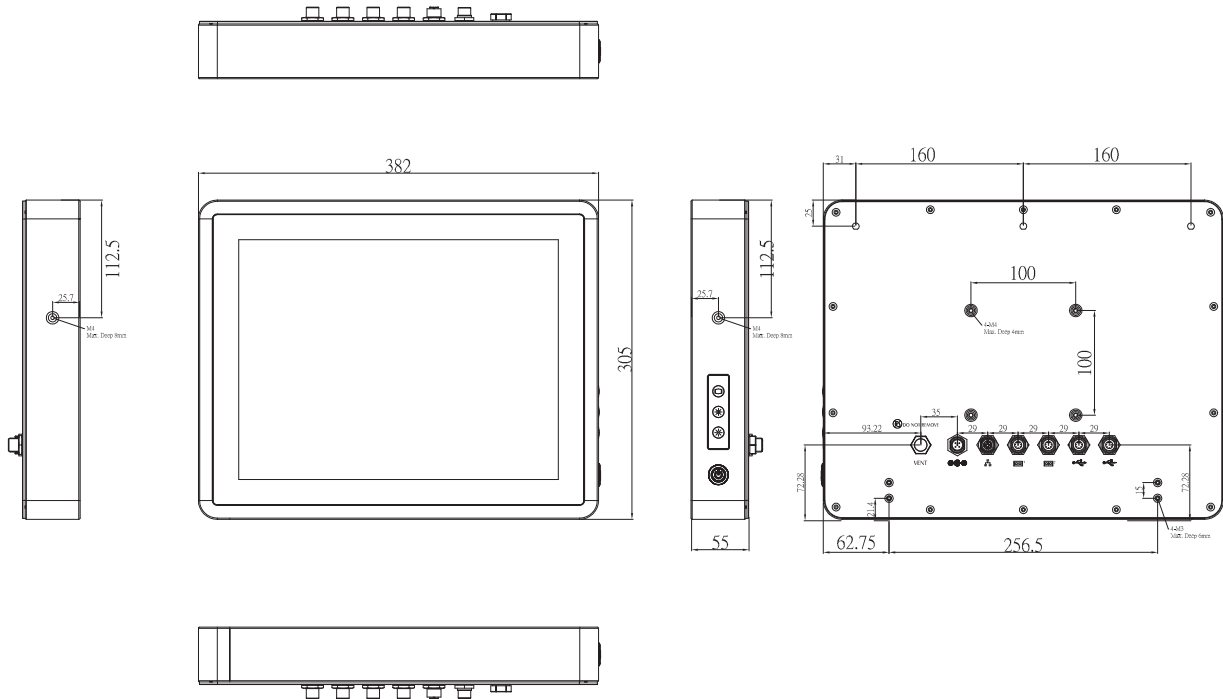
I/O Connector	2 x RS-232/422/485 (default RS-232, A-coded) 4 x USB 2.0 (A-coded) 1 x 10/100/1000 Mbps Ethernet with Intel® i210-IT (X-coded) supporting Wake-on-LAN and PXE Boot ROM 1 x DC power input (M12)
Expansion Interface	1 x Full-size PCI Express Mini Card slot 1 x Half-size PCI Express Mini Card slot
Touchscreen	5-wire resistive touch or projected capacitive multi-touch
Power Input	9 to 36 VDC
Power Consumption	45W
Dimensions	382 mm (15.4") (W) x 55 mm (2.17") (D) x 305 mm (12.01") (H)
Packing Dimensions	510 mm (20.07") (W) x 186 mm (7.32") (D) x 532 mm (20.94") (H)
Weight (net/gross)	5.2 kg (11.46 lb)/8.4 kg (18.5 lb)
Operating Temperature	-20°C to +50°C (-4°F to +122°F)
Relative Humidity	10% - 95% @ +40°C, non-condensing
Operation Vibration	1G, 5 - 500Hz, random for 2.5" SSD
Certifications	CE

*W.T.: Wide temperature. All W.T. supported products have to be sorted by Axiomtek.

Packing List

1 x GOT815L-511
1 x DC cable

Dimensions



Ordering Information

GOT815L-511-C-DC (P/N: E22B815116)	15" XGA fanless IP66 & IP69K-rated stainless steel fanless touch panel computer with Intel® Core™ i5-7300U, projected capacitive touch screen, 420 nits LCD, and 9 to 36 VDC power input
GOT815L-511-R-DC (P/N: E22B815113)	15" XGA fanless IP66 & IP69K-rated stainless steel fanless touch panel computer with Intel® Core™ i5-7300U, 5-wire flat resistive touch screen, and 9 to 36 VDC power input

* Other configuration by request
* Specification and certifications may vary based on different requirements

Optional Accessories

594B8122100E	Water-proof COM cable (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
594B8152820E	Water-proof USB cable (1.8 m)
50966224010E	Adapter 24V 90W, M12 A-code 5P FSP090AAAN3

Optional EOS Installation

Windows® 10 IoT

Optional OS Installation

Windows® 10

GOT815W-511 NEW

15.6" FHD TFT IP66 & IP69K-rated Stainless Steel Fanless PCT or Resistive Touch Panel Computer with Intel® Core™ i5-7300U Processor and Flat Bezel Design (-20°C to +50°C)

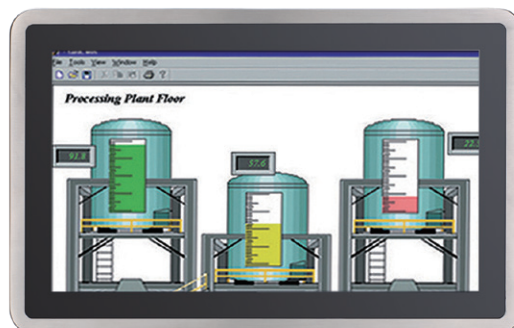
Features

- 15.6" FHD TFT flat bezel LCD display
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless-steel enclosure with SUS 316
- -20°C to +50°C wide operating temperature range
- Fanless design with Intel® Core™ i5-7300U processor
- Optional Wi-Fi/3G kit for wireless network connectivity
- 9 to 36 VDC wide range power input
- Supports VESA mount
- M12 type connectors for harsh environments



▲ Side view

1. Backlight on/off
2. Brightness adjust +/-
3. Power on/off



4. DC power connector
5. 1 x LAN
6. 1 x RS-232/422/485 (default RS-232)
7. 1 x RS-232/422/485 (default RS-232)
8. 2 x USB 2.0
9. 2 x USB 2.0



Introduction

The 15.6-inch GOT815W-511 is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -20°C to +50°C. Thus, this robust unit is specifically designed for high humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Certified

The GOT815W-511 adopts a water/dust-proof housing design with five IP66-rated M12 I/O connectors and IP69K that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (+80°C), a flow rate of 14 to 16 L/min and a nozzle hold with distance 10 to 15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The GOT815W-511 is qualified to meet harsh-environment applications.

Wide Temperature (-20°C to +50°C) & Anti-vibration (1G) Design

The GOT815W-511 featuring fanless and noiseless design supports a wide operating temperature range from -20°C to +50°C. Besides, the patent of anti-vibration for SSD ensures reliability and stability.

Specifications

Enclosure	Stainless steel (SUS) 316	
LCD Panel	Display Type	15.6" FHD TFT LCD
	Brightness (cd/m ²)	400 nits
	Resolution	1920 x 1080
	Viewing Angle (H/V)	160°/140°
Main System	CPU	Intel® Core™ i5-7300U 2.6 GHz, up to 3.5 GHz (Kaby Lake)
	Chipset	SoC integrated
	System Memory	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SSD HDD or 1 x 2.5" SATA HDD (9.5 mm height)
	Watchdog Timer	255 levels, 1 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

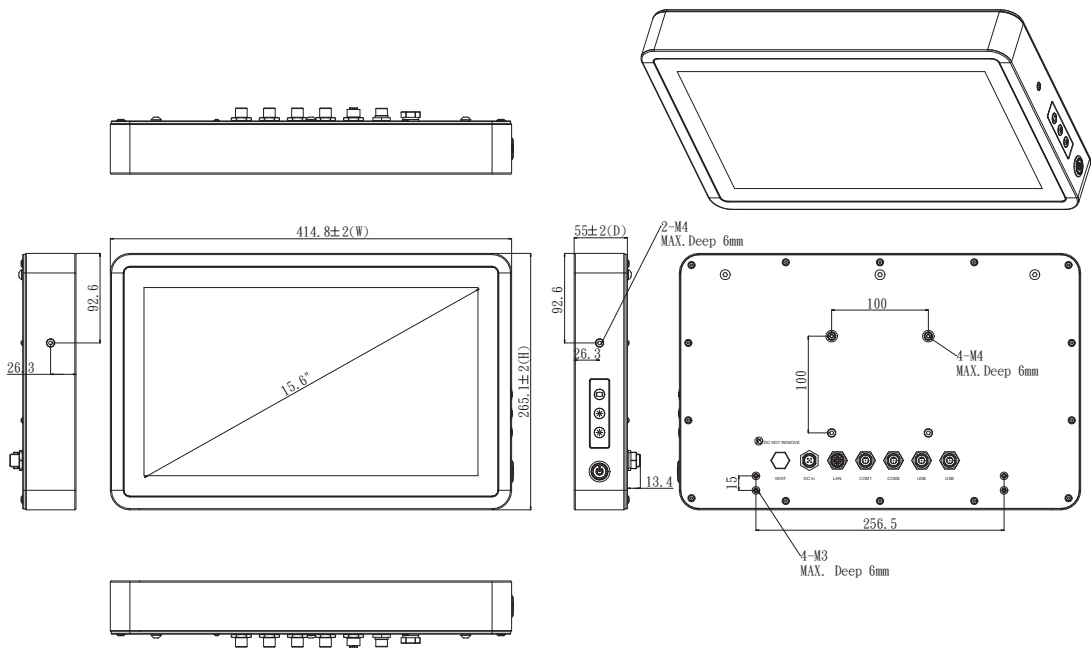
I/O Connector	2 x RS-232/422/485 (default RS-232, A-coded) 4 x USB 2.0 (A-coded) 1 x 10/100/1000 Mbps Ethernet with Intel® i210-IT (X-coded) supporting Wake-on-LAN and PXE Boot ROM 1 x DC power connector (M12)
Expansion Interface	1 x Full-size PCI Express Mini Card slot 1 x Half-size PCI Express Mini Card slot
Touchscreen	5-wire resistive touch or projected capacitive multi-touch
Power Input	9 to 36 VDC
Power Consumption	58.5W
Dimensions	414.8 mm (16.4") (W) x 55mm (2.2") (D) x 265.1 mm (10.43") (H)
Packing Dimensions	535 mm (21.06") (W) x 196 mm (7.71") (D) x 485 mm (19.1") (H)
Weight (net/gross)	6.3 kg (13.88 lb)/7.5 kg (16.53 lb)
Operating Temperature	-20°C to +50°C (-4°F to +122°F)
Relative Humidity	10% - 95% @ +40°C, non-condensing
Operation Vibration	1G, 5 - 500Hz, random for 2.5" SSD
Certifications	CE

*W.T.: Wide temperature. All W.T. supported products have to be sorted by Axiomtek.

Packing List

1 x GOT815W-511
1 x DC cable

Dimensions



Ordering Information

GOT815W-511-C-DC (P/N: E22B815123)	15.6" FHD fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Core™ i5-7300U, projected capacitive touch screen, 400 nits LCD, and 9 to 36 VDC power input
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* Other configuration by request
* Specification and certifications may vary based on different requirements

Optional Accessories

594B8122100E	Water-proof COM cable (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
594B8152820E	Water-proof USB cable (1.8 m)
50966224010E	Adapter 24V 90W, M12 A-code 5P FSP090AAAN3

Optional EOS Installation

Windows® 10 IoT

Optional OS Installation

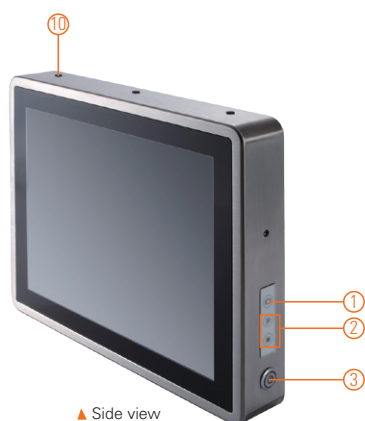
Windows® 10

GOT817-834

17" SXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT or Resistive Touch Panel Computer with Intel® Atom® Processor E3827 and Flat Bezel Design (-20°C to +55°C)

Features

- 17" SXGA TFT LCD flat bezel projected capacitive or resistive touch
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless steel enclosure with type 316
- -20°C to +55°C wide operating temperature range
- Fanless design with Intel® Atom® processor E3827
- Optional Wi-Fi/3G kit for wireless network connectivity
- 12 to 36 VDC wide range power input
- M12 type I/O connectors for harsh environments



Introduction

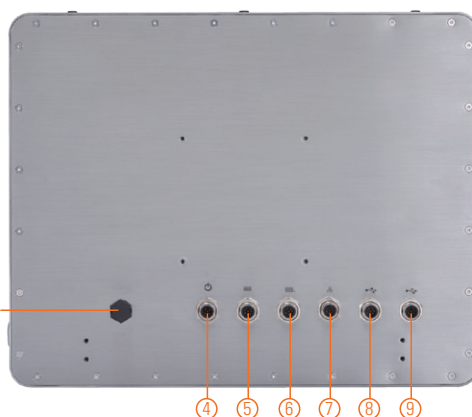
The 17-inch GOT817-834 is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -20°C to +55°C. Thus, this robust unit is specifically designed for high humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Compliance

The GOT817-834 adopts a water/dust-proof housing design with five IP66-rated M12 I/O connectors and IP69K compliance that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (+80°C), a flow rate of 14 to 16 L/min and a nozzle hold with distance 10 to 15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The outstanding GOT817-834 stainless touch panel PC is qualified to meet harsh-environment applications.

Wide Temperature (-20°C to +55°C) & Anti-vibration (2G) Design

The rugged 17" industrial stainless touch panel PC featuring fanless and noiseless design supports a wide operating temperature range from -20°C to +55°C. Besides, the patent of anti-vibration for SSD ensures reliability and stability.



1. Backlight switch
2. Brightness adjust
3. Power on/off
4. DC power connector
5. 1 x RS-232/422/485
6. 1 x RS-232/422/485
7. 1 x LAN
8. 2 x USB 2.0
9. 2 x USB 2.0
10. 3 x Wi-Fi/3G antenna (optional, only for RF version)

Specifications

Enclosure	Stainless type 316
LCD Panel	Display Type
	17" SXGA TFT LCD
	Brightness (cd/m ²)
	350 nits
Main System	Resolution
	1280 x 1024
	Viewing Angle (H/V)
	160°/140°
Main System	CPU
	Intel® Atom® processor E3827
	1.75 GHz (Bay Trail)
	Chipset
	SoC integrated
	System Memory
	1 x 204-pin DDR3L-1333 SO-DIMM
	dual channel, up to 8GB
	BIOS
	AMI with Axiomtek standard features
Main System	Storage
	1 x 2.5" SSD
	1 x CFast™
	Watchdog Timer
Main System	255 levels, 1 to 255 sec.
	Onboard Graphics
Main System	Integrated in Intel® GFX

Specifications

I/O Connector	2 x RS-232/422/485 (default RS-232, A-coded) 4 x USB 2.0 (A-coded) 1 x 10/100/1000 Mbps Ethernet (X-coded) 1 x DC power connector (M12)
Expansion Interface	2 x PCI Express Mini Card slot
Touchscreen	5-wire resistive touch or projected capacitive multi-touch
Power Input	12 to 36 VDC
Power Consumption	50W
Dimensions	415.92 mm (16.37") (W) x 54.96 mm (2.16") (D) x 348.34 mm (13.71") (H)
Packing Dimensions	615 mm (24.2") (W) x 250 mm (9.84") (D) x 585 mm (23") (H)
Weight (net/gross)	7.04 kg (15.52 lb)/10.3 kg (22.71 lb)
Operating Temperature	-20°C to +55°C (-4°F to +131°F)
Relative Humidity	10% - 95% @ +40°C, non-condensing
Operation Vibration	2G, 5 - 500Hz, random for 2.5" SSD 2G, 5 - 500Hz, random for CFast™
Certifications	CE

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Packing List

1 x GOT817-834
1 x DC cable

Ordering Information

Sunlight readable type	
GOT817-834-C-DC (P/N: E22B817103)	17" SXGA IP66 & IP69K-rated stainless steel fanless touch panel computer with Intel® Atom® E3827, projected capacitive touch screen, flat-bezel design, and 12 to 36 VDC power input
GOT817-834-R-DC (P/N: E22B817101)	17" SXGA IP66 & IP69K-rated stainless steel fanless touch panel computer with Intel® Atom® E3827, 5-wire flat resistive touch screen, flat-bezel design, and 12 to 36 VDC power input

* Other configuration by request
* Specification and certifications may vary based on different requirements

Optional Accessories

594B8122100E	Water-proof COM cable (1.8 m)
594B8122820E	Water-proof USB cable (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
50966224010E	Adapter 24V 90W, M12 A-code 5P FSP090AAAN3

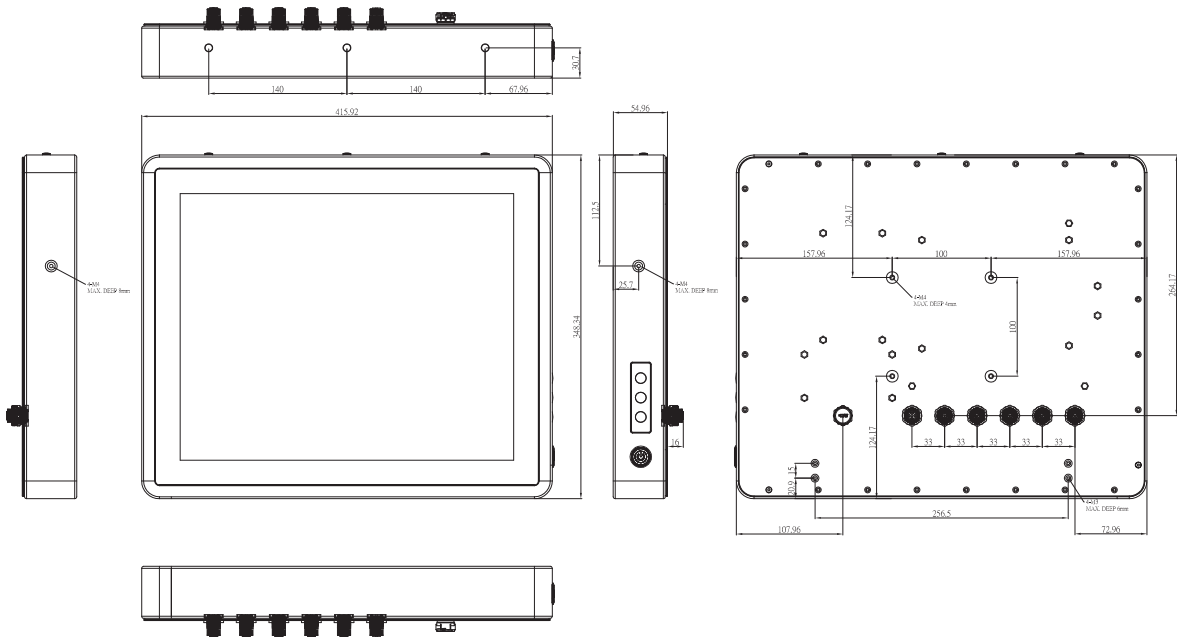
Optional EOS Installation

WES 7
WE8S
Windows® 10 IoT

Optional OS Installation

Windows® 7
Windows® 8/8.1
Windows® 10

Dimensions

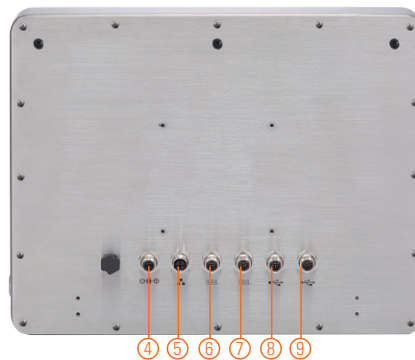
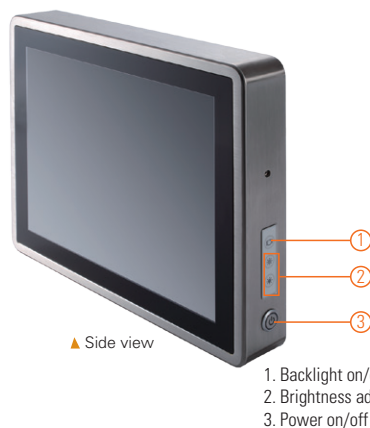


GOT817L-511

17" SXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT or Resistive Touch Panel Computer with Intel® Core™ i5-7300U Processor and Flat Bezel Design (-20°C to +50°C)

Features

- 17" SXGA TFT flat bezel LCD display
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless steel enclosure with type 316
- -20°C to +50°C wide operating temperature range
- Fanless design with Intel® Core™ i5-7300U processor
- Optional Wi-Fi/3G kit for wireless network connectivity
- 9 to 36 VDC wide range power input
- Supports VESA mount
- M12 type connectors for harsh environments



Introduction

The 17-inch GOT817L-511 is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -20°C to +50°C. Thus, this robust unit is specifically designed for high humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Certified

The GOT817L-511 adopts a water/dust-proof housing design with five IP66-rated M12 I/O connectors and IP69K that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (+80°C), a flow rate of 14 to 16 L/min and a nozzle hold with distance 10 to 15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The GOT817L-511 is qualified to meet harsh-environment applications.

Wide Temperature (-20°C to +50°C) & Anti-vibration (1G) Design

The GOT817L-511 featuring fanless and noiseless design supports a wide operating temperature range from -20°C to +50°C. Besides, the patent of anti-vibration for SSD ensures reliability and stability.

Specifications

Enclosure	Stainless type 316	
LCD Panel	Display Type	17" SXGA TFT LCD
	Brightness (cd/m²)	350 nits
	Resolution	1280 x 1024
	Viewing Angle (H/V)	170°/160°
Main System	CPU	Intel® Core™ i5-7300U 3.5 GHz (Kaby Lake)
	Chipset	SoC integrated
	System Memory	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SSD HDD or 1 x 2.5" SATA HDD (9.5 mm height)
	Watchdog Timer	255 levels, 1 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	2 x RS-232/422/485 (default RS-232, A-coded) 4 x USB 2.0 (A-coded) 1 x 10/100/1000 Mbps Ethernet with Intel® i210-IT (X-coded) supporting Wake-on-LAN and PXE Boot ROM 1 x DC power connector (M12)
Expansion Interface	1 x Full-size PCI Express Mini Card slot 1 x Half-size PCI Express Mini Card slot
Touchscreen	5-wire resistive touch or projected capacitive multi-touch
Power Input	9 to 36 VDC
Power Consumption	67.5W
Dimensions	415.92 mm (16.4") (W) x 55 mm (2.2") (D) x 348.34 mm (13.7") (H)
Packing Dimensions	615 mm (24.2") (W) x 250 mm (9.84") (D) x 585 mm (23") (H)
Weight (net/gross)	6.94 kgs (15.3 lb)/10.2 kgs (22.5 lb)
Operating Temperature	-20°C to +50°C (-4°F to +122°F)
Relative Humidity	10% - 95% @ +40°C, non-condensing
Operation Vibration	1G, 5 - 500Hz, random for 2.5" SSD
Certifications	CE

*W.T.: Wide temperature. All W.T. supported products have to be sorted by Axiomtek.

Packing List

1 x GOT817L-511
1 x DC cable

Ordering Information

GOT817L-511-C-DC (P/N: E22B817105)	17" SXGA IP66 & IP69K-rated stainless steel fanless touch panel computer with Intel® Core™ i5-7300U, projected capacitive touch screen, 420 nits LCD, and 9 to 36 VDC power input
GOT817L-511-R-DC (P/N: E22B817106)	17" SXGA IP66 & IP69K-rated stainless steel fanless touch panel computer with Intel® Core™ i5-7300U, 5-wire flat resistive touch screen, and 9 to 36 VDC power input

* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

594B8122100E	Water-proof COM cable (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
594B8152820E	Water-proof USB cable (1.8 m)
50966224010E	Adapter 24V 90W, M12 A-code 5P FSP090AAAN3

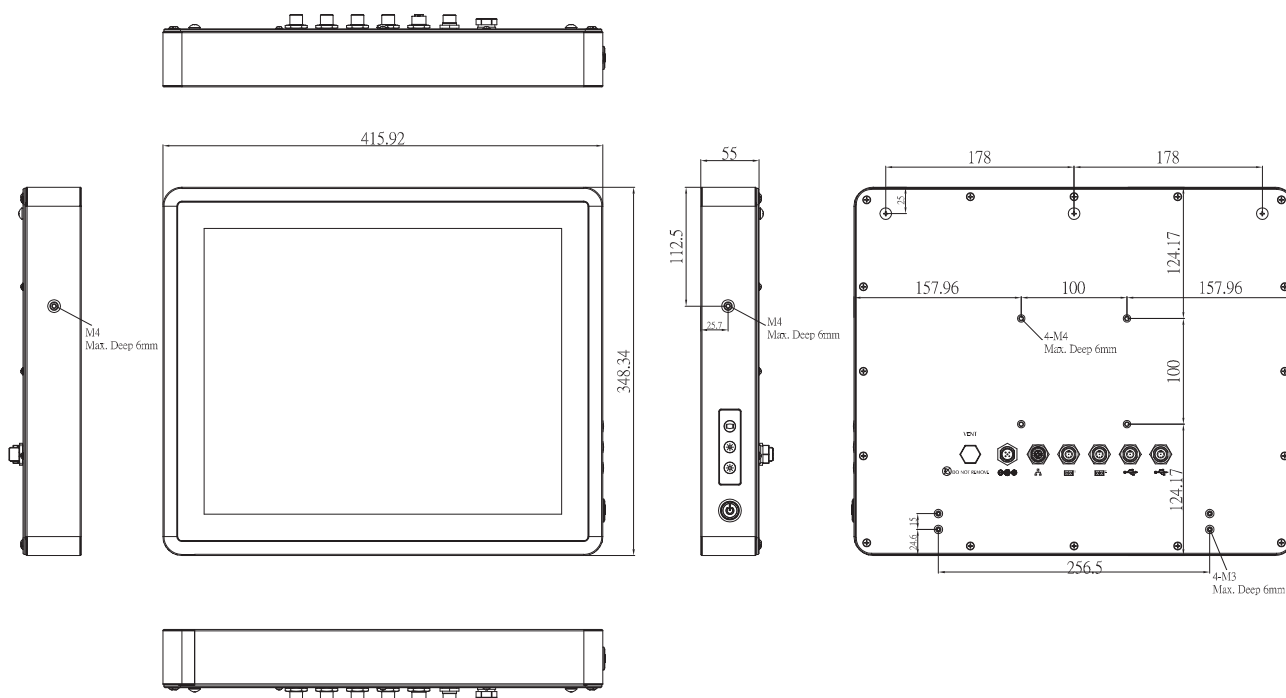
Optional EOS Installation

Windows® 10 IoT

Optional OS Installation

Windows® 10

Dimensions



4

Industrial Touch Panel Computers

Axiomtek provides a complete range of industrial panel computers for automation applications. The high performance P1000 series focuses on factory and machinery market, offering ideal thermal solution, featuring compact sized, easy maintenance design and light weight. The IP65-rated front bezel is specially designed for continuous use in harsh environments. The P1000 series can help customers reduce time-to-market for industry automation.

Selection Guide		58
P1127E-500	12.1" XGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® or Pentium® Processor and PCI/PCIe Slot	60
P1157E-500	15" XGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® or Pentium® Processor and PCI/PCIe Slot	62
P1177E-500	17" SXGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® or Pentium® Processor and PCI/PCIe Slot	64
P1197E-500	19" SXGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® or Pentium® Processor, PCI/PCIe Slot	66

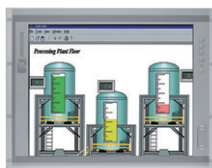
Industrial Panel PCs

Industrial Touch Panel Computers

Selection Guide



Features/Models	P1127E-500	P1157E-500	P1177E-500
CPU Level	LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Celeron® or Pentium®	LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Celeron® or Pentium®	LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Celeron® or Pentium®
Chipset	Intel® H110	Intel® H110	Intel® H110
System Memory	2 x 288-pin DDR4-2133 Long-DIMM dual channel, up to 32GB	2 x 288-pin DDR4-2133 Long-DIMM dual channel, up to 32GB	2 x 288-pin DDR4-2133 Long-DIMM dual channel, up to 32GB
Display	12.1" XGA TFT, 500 nits	15" XGA TFT, 250 nits	17" SXGA TFT, 250 nits
I/O	3 x RS-232 1 x RS-232/422/485 1 x HDMI 1 x VGA 1 x DisplayPort 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet 1 x Audio (Mic-in & Line-out) 1 x PS/2 combo 1 x Remote power switch	3 x RS-232 1 x RS-232/422/485 1 x HDMI 1 x VGA 1 x DisplayPort 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet 1 x Audio (Mic-in & Line-out) 1 x PS/2 combo 1 x Remote power switch	3 x RS-232 1 x RS-232/422/485 1 x HDMI 1 x VGA 1 x DisplayPort 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet 1 x Audio (Mic-in & Line-out) 1 x PS/2 combo 1 x Remote power switch
Storage	1 x 2.5" SATA HDD	1 x 3.5" or 2 x 2.5" SATA HDD	1 x 3.5" or 2 x 2.5" SATA HDD
DVD-RW	N/A	N/A	N/A
Expansion Interface	1 x PCIe x4 or 1 x PCI	1 x PCIe x4 or 1 x PCI	1 x PCIe x4 or 1 x PCI
Touchscreen	5-wire resistive type	5-wire resistive type	5-wire resistive type
Operation System	Skylake: Windows® 7, Windows® 8.1, Windows® 10 Kaby Lake: Windows® 10	Skylake: Windows® 7, Windows® 8.1, Windows® 10 Kaby Lake: Windows® 10	Skylake: Windows® 7, Windows® 8.1, Windows® 10 Kaby Lake: Windows® 10
Power Supply	200W, 100 to 240 VAC	200W, 100 to 240 VAC	200W, 100 to 240 VAC
Power Consumption	121W	97.6W	143W
Watchdog Timer	255 levels, 1 to 255 sec	255 levels, 1 to 255 sec	255 levels, 1 to 255 sec
Front Bezel	Aluminum with IP65/NEMA 4 rugged protection	Aluminum with IP65/NEMA 4 rugged protection	Aluminum with IP65/NEMA 4 rugged protection
Dimensions (W x D x H)	314.2 x 105 x 253.7 mm (12.37" x 4.13" x 9.99")	378.3 x 90 x 310.3 mm (14.89" x 3.54" x 12.22")	411.82 x 90 x 353.24 mm (16.21" x 3.54" x 13.91")
Weight (net/gross)	4.2 kg (9.26 lb)/6.3 kg (13.89 lb)	5.4 kg (11.90 lb)/7.8 kg (17.20 lb)	6.4 kg (14.11 lb)/10.2 kg (22.49 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)
Certifications	CE	CE	CE



Features/Models	P1197E-500
CPU Level	LGA1151 socket 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® or Pentium®
Chipset	Intel® H110
System Memory	2 x 288-pin DDR4-2133 Long-DIMM dual channel, up to 32GB
Display	19" SXGA TFT, 250 nits
I/O	3 x RS-232 1 x RS-232/422/485 1 x HDMI 1 x VGA 1 x DisplayPort 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet 1 x Audio (Mic-in & Line-out) 1 x PS/2 combo
Storage	1 x 3.5" or 2 x 2.5" SATA HDD
DVD-RW	1 x Built-in slim type (optional)
Expansion Interface	1 x PCIe x4 or 1 x PCI
Touchscreen	5-wire resistive type
Operation System	Skylake: Windows® 7, Windows® 8.1, Windows® 10 Kaby Lake: Windows® 10
Power Supply	200W, 100 to 240 VAC
Power Consumption	157W
Watchdog Timer	255 levels, 1 to 255 sec.
Front Bezel	Aluminum with IP65/NEMA 4 rugged protection
Dimensions (W x D x H)	378 x 72.2 x 309 mm (14.88" x 2.84" x 12.17")
Weight (net/gross)	8 kg (17.64 lb)/10.4 kg (22.93 lb)
Operating Temperature	0°C to +45°C (+32°F to +113°F)
Certifications	CE

P1127E-500

12.1" XGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® or Pentium® Processor and PCI/PCIe Slot

Features

- 12.1" XGA TFT LCD display
- LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Celeron® or Pentium® processors
- Intel® H110 chipset
- Less screw design for easy installation
- 4 USB 3.0, 2 USB 2.0 and 4 COM
- 1 PCIe x4 or 1 PCI slot
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust IP65 compliant aluminum front bezel
- Supports 5 OSD keys on the front panel



▲ Side view



▲ Back view



Introduction

The P1127E-500 is a multimedia 12.1" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1127E-500 is powered by the high performance LGA1151 socket 7th/6th generation Intel® Core™ processor with the Intel® H110 chipset. It features four COM ports, two Gigabit Ethernet and up to 32GB memory of dual-channel DDR4-2133 that delivers high computing capability for high performance-demanding applications. The industrial touch panel PC is most suitable for kiosk, factory, and automation.

Expandable for 1 PCIe or 1 PCI

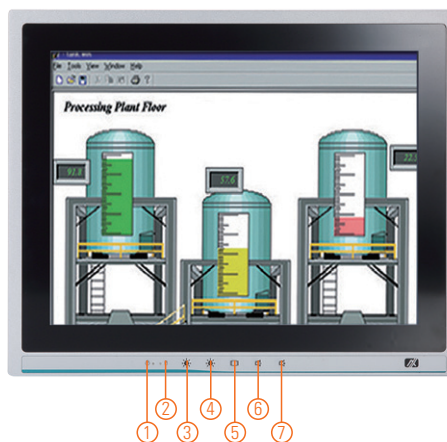
The P1127E-500 has one PCIe x4 or one PCI slot for expansion purpose. User can easily plug in standard half-size PCI or PCIe card based on any application needs.

Speaker and WLAN Antenna Supported

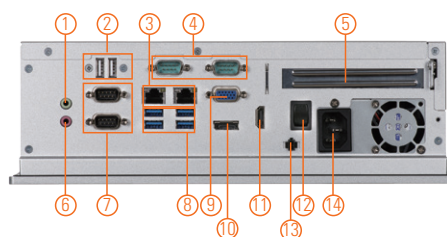
The P1127E-500 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

User-friendly Screw Design

The P1127E-500 is designed with easy of maintenance in mind. There are only three screws on the back chassis, so that technicians can quickly remove the system's back cover with minimum effort.



1. Display status LED
2. SATA status LED
3. Brightness -
4. Brightness +
5. Display monitor ON/OFF
6. Volume -
7. Volume +



1. 1 x Line-out
2. 2 x USB 2.0
3. 2 x LAN
4. 2 x RS-232
5. PCI or PCIe x4
6. 1 x Mic-in
7. 1 x RS-232/422/485 & 1 x RS-232
8. 4 x USB 3.0
9. 1 x VGA
10. 1 x DisplayPort
11. 1 x HDMI
12. Switch for power on/off
13. Remote switch button
14. AC plug

Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	12.1" XGA TFT LCD
	Brightness	500 nits
	Resolution	1024 x 768 pixels
	Viewing Angle	160°/140°
Main System	CPU	LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Celeron® or Pentium® processor
	Chipset	Intel® H110
	System Memory	2 x 288-pin DDR4-2133 Long-DIMM, up to 32GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD (9.5 mm height)
	Drive	N/A
	Watchdog Timer	255 levels, 1 to 255 sec.

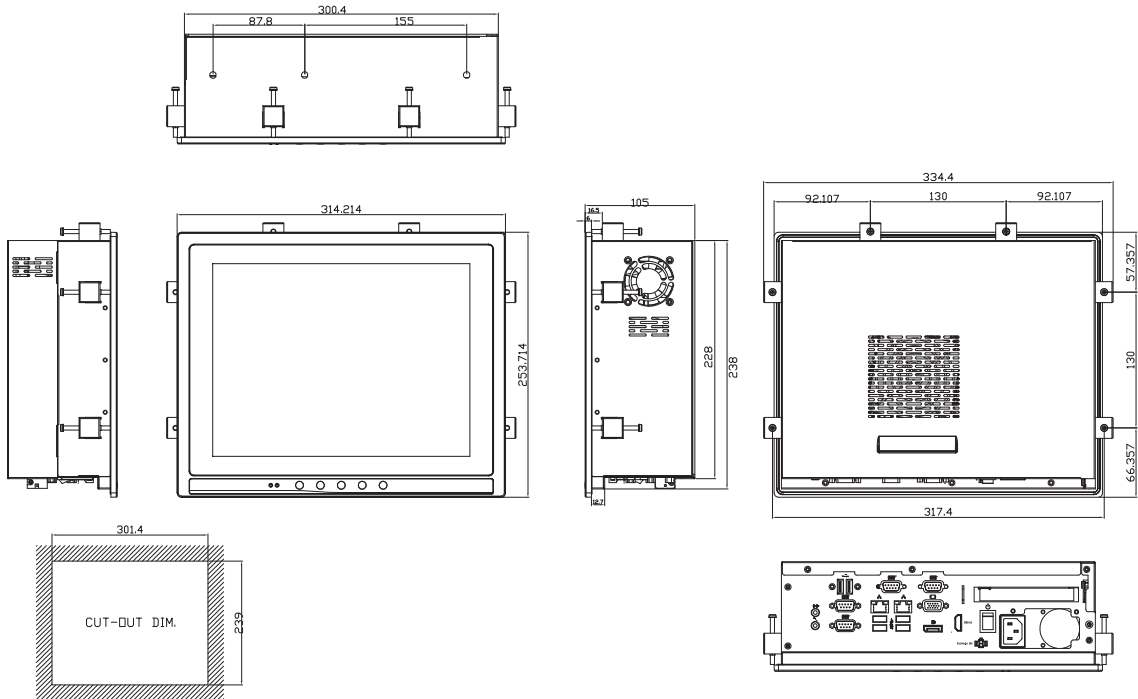
Specifications

IO Connector	3 x RS-232 1 x RS-232/422/485 1 x HDMI 1 x VGA 1 x DisplayPort 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i219-LM/Intel® i211-AT) 1 x Audio (Mic-in & Line-out) 1 x Remote Power Switch
TPM	N/A
Expansion Interface	1 x PCIe x4 or 1 x PCI
Touchscreen	5-wire resistive type Light transmission 79% 1 million activations (typical) at a single point
Power Supply	100 to 240 VAC, 200W
Power Consumption	121W
Dimensions	314.2 mm (12.37") (W) x 105 mm (4.13") (D) x 253.7 mm (9.99") (H)
Packing Dimensions	510 mm (20.08") (W) x 190 mm (7.48") (D) x 540 mm (21.26") (H)
Weight(net/gross)	4.2 kg (9.26 lb)/6.3 kg (13.89 lb)
Operating temperature	0°C to +50°C (+32°F to +122°F)
Relative humidity	10% to 90% @ +40°C, non-considering
Operating vibration	1.0G, 5 - 500 Hz, random
Certifications	CE

Packing list

- 1 x P1127E-500
- 1 x Panel mount kit
- 1 x US power cord

Dimensions



Ordering Information

P1127E-500-US w/PCIe x4 (P/N: E221127109)	12.1" XGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor, resistive touch screen, PCIe x4 slot, and 100 to 240 VAC with US power cord
P1127E-500-US w/PCI (P/N: E221127107)	12.1" XGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor, resistive touch screen, PCI slot, and 100 to 240 VAC with US power cord

* Other configuration by request
* Specification and certifications may vary based on different requirements

Optional Accessories

Wi-Fi kit	
881211270A0E	VESA & wall mount kit
E981604011	ATC10 (VESA arm clamp type)
E981604012	ATW10 (VESA arm wall mount)
E226171119	Stand kit
59403200B00E	Remote power switch cable (100 cm)

Optional EOS Installation

Windows® 7
Windows® 8.1
Windows® 10 IoT Enterprise

Optional OS Installation

Skylake: Windows® 7
Windows® 8.1
Windows® 10
Kaby Lake: Windows® 10

P1157E-500

15" XGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® or Pentium® Processor and PCI/PCIe Slot

Features

- 15" XGA TFT LCD display
- LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® processors
- Intel® H110 chipset
- Less screw design for easy installation
- 4 USB 3.0, 2 USB 2.0, and 4 COM
- 1 PCIe x4 or 1 PCI slot
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust IP65 compliant aluminum front bezel
- Supports 5 OSD keys on the front panel



▲ Side view



▲ Back view



Introduction

The P1157E-500 is a multimedia 15" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1157E-500 is powered by a high performance LGA1151 socket 7th/6th generation Intel® Core™ processor with the Intel® H110 chipset. It features four COM ports, two Gigabit Ethernet and up to 32GB memory of dual-channel DDR4-2133 that delivers high computing capability for high performance-demanding applications. The industrial touch panel PC is most suitable for kiosk, factory, and automation.

Expandable for 1 PCIe or 1 PCI

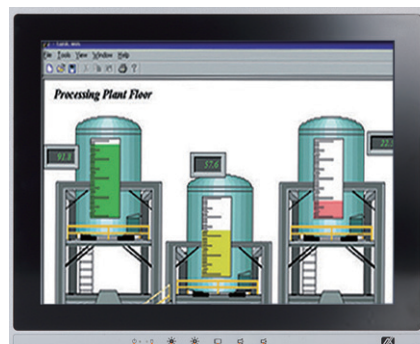
The P1157E-500 has one PCIe x4 or PCI slot for expansion purpose. User can easily plug in standard half-size PCI or PCIe card based on any application needs.

Speaker and WLAN Antenna Supported

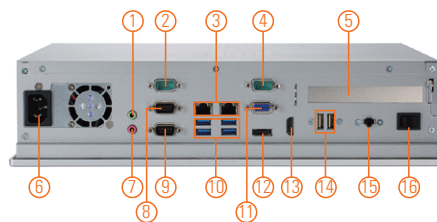
The P1157E-500 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

User-friendly Screw Design

The P1157E-500 is designed with easy of maintenance in mind. There are only four screws on the back chassis, so that technicians can quickly remove the system's back cover with minimum effort.



1. Display status LED
2. SATA status LED
3. Brightness -
4. Brightness +
5. Display monitor ON/OFF
6. Volume -
7. Volume +



1. 1 x Line-out
2. 1 x RS-232
3. 2 x LAN
4. 1 x RS-232
5. PCI or PCIe x4 slot
6. AC plug

7. 1 x Mic-in
8. 1 x RS-232/422/485
9. 1 x RS-232
10. 4 x USB 3.0
11. 1 x VGA
12. 1 x DisplayPort

13. 1 x HDMI
14. 2 x USB 2.0
15. Remote power switch
16. Switch for power on/off

Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	15" XGA TFT LCD
	Brightness	250 nits
	Resolution	1024 x 768 pixels
	Viewing Angle	160°/140°
Main System	CPU	LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Celeron® or Pentium® processor
	Chipset	Intel® H110
	System Memory	2 x 288-pin DDR4-2133 Long-DIMM, up to 32GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 3.5" or 1 x 2.5" SATA HDD (9.5 mm height)
	Drive	N/A
	Watchdog Timer	255 levels, 1 to 255 sec.

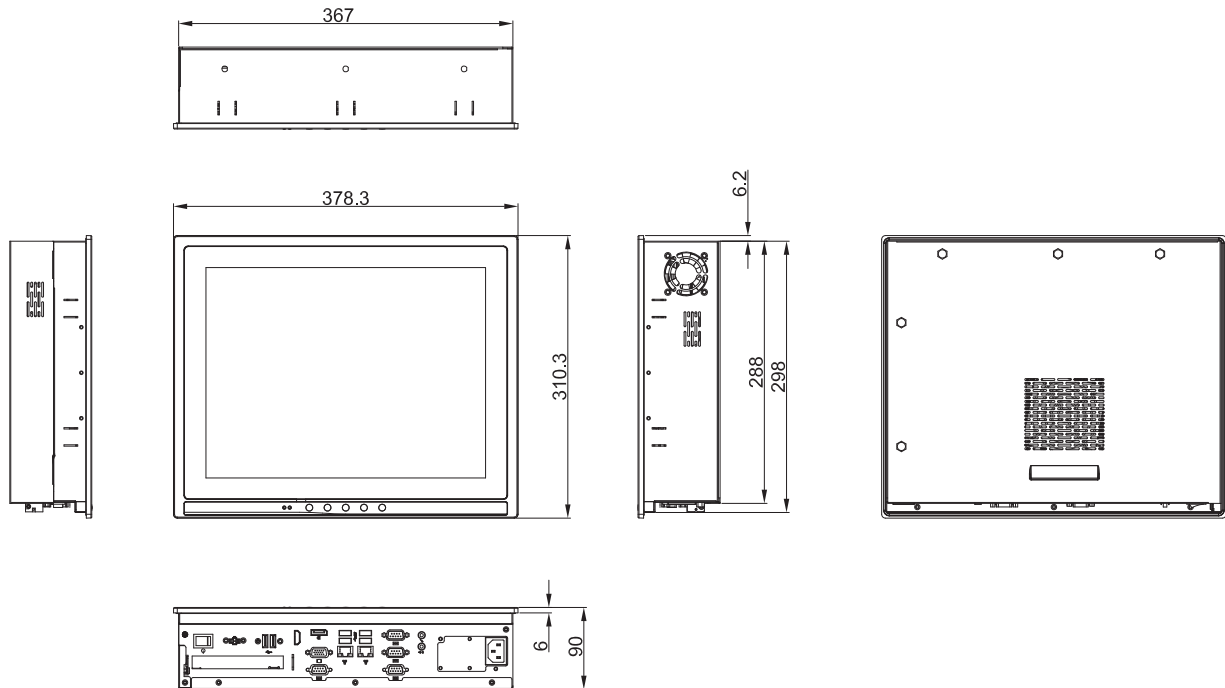
Specifications

IO Connector	3 x RS-232 1 x RS-232/422/485 1 x HDMI 1 x VGA 1 x DisplayPort 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i219-LM/i211-AT) 1 x Audio (Mic-in & Line-out) 1 x Remote power switch
TPM	N/A
Expansion Interface	1 x PCIe x4 or 1 x PCI
Touchscreen	5-wire resistive type or projected capacitive multi-touch
Power Supply	100 to 240 VAC, 200W
Power Consumption	97.6W
Dimensions	378.3 mm (14.89") (W) x 90 mm (3.54") (D) x 310.3 mm (12.22") (H)
Packing Dimensions	510 mm (20.08") (W) x 186 mm (7.32") (D) x 532 mm (20.94") (H)
Weight (net/gross)	5.4 kg (11.90 lb)/7.8 kg (17.20 lb)
Operating temperature	0°C to +50°C (+32°F to +122°F)
Relative humidity	10% to 90% @ +40°C, non-considering
Operating vibration	1.0G, 5 - 500 Hz, random
Certifications	CE

Packing list

- 1 x P1157E-500
- 1 x Panel mount kit
- 1 x US power cord

Dimensions



Ordering Information

P1157E-500-US w/PCIe x4 (P/N: E221157114)	15" XGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor, resistive touch screen, PCIe x4 slot, and 100 to 240 VAC with US power cord
P1157E-500-US w/PCI (P/N: E221157112)	15" XGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor, resistive touch screen, PCI slot, and 100 to 240 VAC with US power cord
P1157E-500-US PCT w/PCIe x4 (P/N: E221157121)	15" XGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor, PCAP multi-touch screen, PCIe x4 slot, and 100 to 240 VAC with US power cord
P1157E-500-US PCT w/PCI (P/N: E221157119)	15" XGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor, PCAP multi-touch screen, PCI slot, and 100 to 240 VAC with US power cord

* Other configuration by request
 * Specification and certifications may vary based on different requirements

Optional Accessories

Wi-Fi kit	
P1157E-500 2.5" slim HDD kit	
881211572A0E	P1157E-500 rack mount kit
881211575A0E	VESA & wall mount kit
E981604011	ATC10 (VESA arm clamp type)
E981604012	ATW10 (VESA arm wall mount)
E226171119	Stand kit
59403200B00E	Remote power switch cable (100 cm)

Optional OS Installation

- Skylake: Windows® 7
Windows® 8.1
Windows® 10
- Kaby Lake: Windows® 10

P1177E-500

17" SXGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® or Pentium® Processor and PCI/PCIe Slot

Features

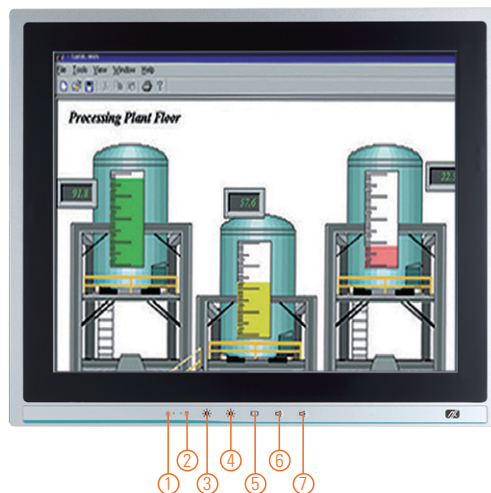
- 17" SXGA TFT LCD display
- LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Celeron® or Pentium® processors
- Intel® H110 chipset
- Less screw design for easy installation
- 4 USB 3.0, 2 USB 2.0, and 4 COM
- 1 PCIe x4 or 1 PCI slot
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust IP65 compliant aluminum front bezel
- Supports 5 OSD keys on the front panel



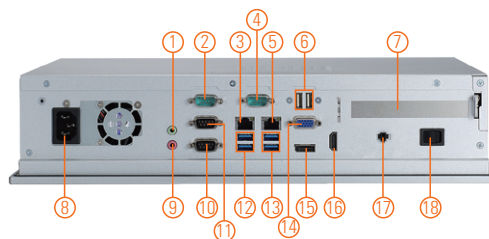
▲ Side view



▲ Back view



1. Display status LED
2. SATA status LED
3. Brightness -
4. Brightness +
5. Display monitor ON/OFF
6. Volume -
7. Volume +



1. 1 x Line-out
2. 1 x RS-232
3. 1 x LAN
4. 1 x RS-232
5. 1 x LAN
6. 2 x USB 2.0
7. PCI or PCIe x4 slot
8. AC plug
9. 1 x Mic-in
10. 1 x RS-232
11. 1 x RS-232/422/485
12. 2 x USB 3.0
13. 2 x USB 3.0
14. 1 x VGA
15. 1 x DisplayPort
16. 1 x HDMI
17. Remote switch button
18. Switch for power on/off

Introduction

The P1177E-500 is a multimedia 17" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1177E-500 is powered by a high performance LGA1151 socket 7th/6th generation Intel® Core™ processor with the Intel® H110 chipset. It features four COM ports, two Gigabit Ethernet and up to 32GB memory of dual-channel DDR4-2133 that delivers high computing capability for high performance-demanding applications. The industrial touch panel PC is most suitable for kiosk, factory, and automation.

Expandable for 1 PCIe or 1 PCI

The P1177E-500 has one PCIe x4 or one PCI slot for expansion purpose. User can easily plug in standard half-size PCI or PCIe card based on any application needs.

Speaker and WLAN Antenna Supported

The P1177E-500 is equipped with built-in speakers for multimedia applications. It also supports WLAN module antenna (optional) for wireless network connectivity.

User-friendly Screw Design

The P1177E-500 is designed with easy of maintenance in mind. There are only four screws on the back chassis, so that technicians can quickly remove the system's back cover with minimum effort.

Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	17" SXGA TFT LCD
	Brightness	250 nits
	Resolution	1280 x 1024 pixels
	Viewing Angle	160°/140°
Main System	CPU	LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Celeron® or Pentium® processor
	Chipset	Intel® H110
	System Memory	2 x 288-pin DDR4-2133 Long-DIMM, up to 32GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 3.5" or 1 x 2.5" SATA HDD (9.5 mm height) 2 x 2.5" SATA HDD (9.5 mm height) (optional)
	Drive	N/A
	Watchdog Timer	255 levels, 1 to 255 sec.

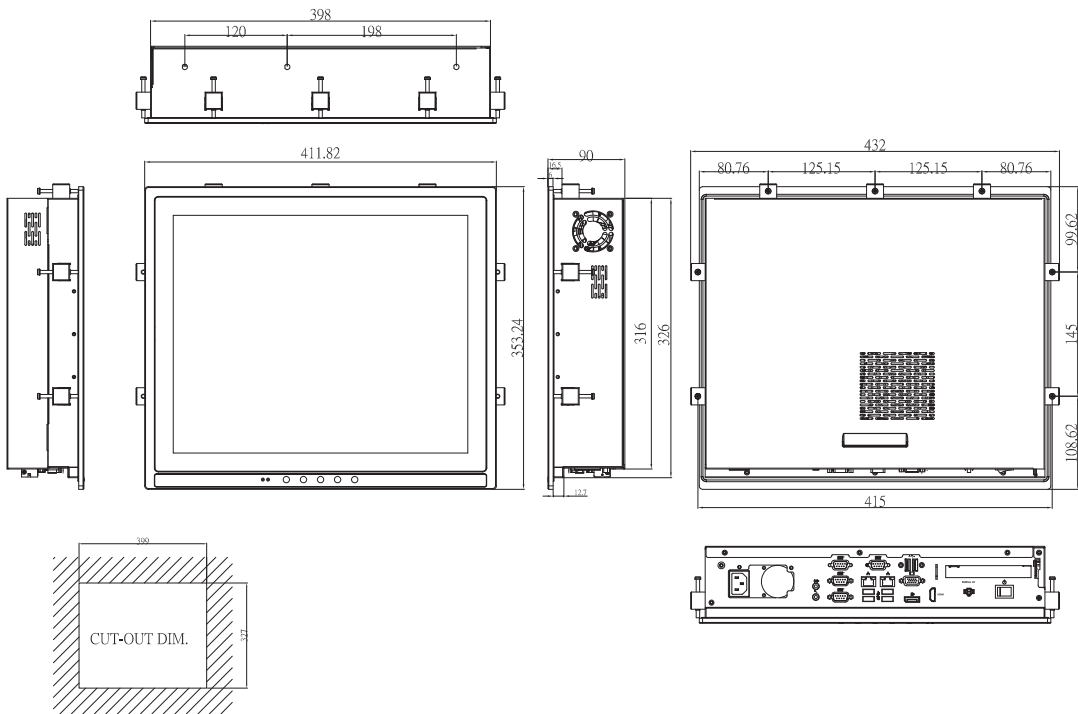
Specifications

IO Connector	3 x RS-232 1 x RS-232/422/485 1 x HDMI 1 x VGA 1 x DisplayPort 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i219-LM/i211-AT) 1 x Audio (Mic-in & Line-out) 1 x Remote power switch
TPM	N/A
Expansion Interface	1 x PCIe x4 or 1 x PCI
Touchscreen	5-wire resistive type Light transmission 79% 1 million activations (typical) at a single point
Power Supply	100 to 240 VAC, 200W
Power Consumption	143W
Dimensions	411.82 mm (16.21") (W) x 90 mm (3.54") (D) x 353.24 mm (13.91") (H)
Packing Dimensions	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)
Weight (net/gross)	6.4 kg (14.11 lb)/10.2 kg (22.49 lb)
Operating temperature	0°C to +50°C (+32°F to +122°F)
Relative humidity	10% to 90% @ +40°C, non-considering
Operating vibration	1.0G, 5 - 500 Hz, random
Certifications	CE

Packing list

1 x P1177E-500
1 x Panel mount kit
1 x US power cord

Dimensions



Ordering Information

P1177E-500-US w/PCIe x4 (P/N: E221177114)	17" SXGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor, resistive touch screen, PCIe x4 slot, and 100 to 240 VAC with US power cord
P1177E-500-US w/PCI (P/N: E221177112)	17" SXGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor, resistive touch screen, PCI slot, and 100 to 240 VAC with US power cord

* Other configuration by request
* Specification and certifications may vary based on different requirements

Optional Accessories

Wi-Fi kit	
P1157E-500 2.5" slim HDD kit	
881211772A0E	VESA & wall mount kit
E981604011	ATC10 (VESA arm clamp type)
E981604012	ATW10 (VESA arm wall mount)
E221177116	PPC HA741L black stand (L)
59403200B00E	Remote power switch cable (100 cm)
881211773A0E	P1177E-500 rack mount kit

Optional EOS Installation

Windows® 7
Windows® 8.1
Windows® 10 IoT Enterprise

Optional OS Installation

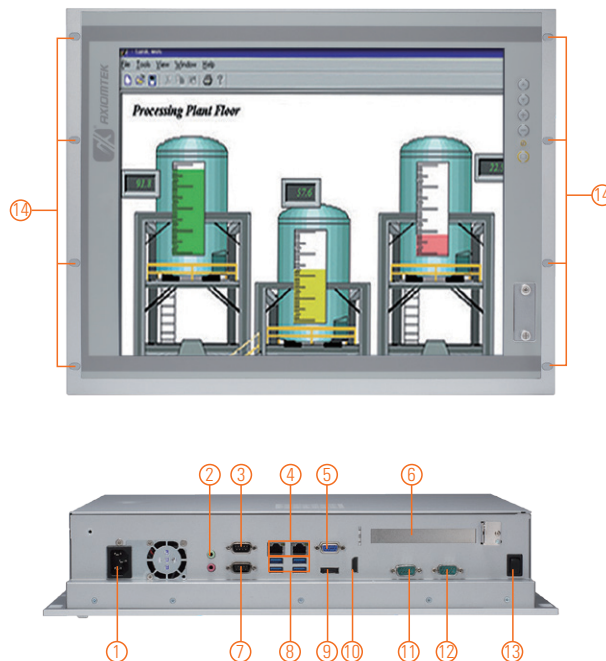
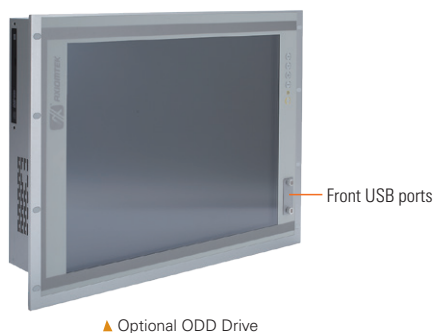
Skylake: Windows® 7
Windows® 8.1
Windows® 10
Kaby Lake: Windows® 10

P1197E-500

19" SXGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® or Pentium® Processor and PCI/PCIe Slot

Features

- 19" SXGA TFT LCD display
- LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Celeron® or Pentium® processor
- Intel® H110 chipset
- Less screw design for easy installation
- 4 USB 3.0, 2 USB 2.0, and 4 COM
- 1 PCIe x4 or 1 PCI expansion slots
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design



Introduction

The P1197E-500 is a multimedia 19" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1197E-500 is powered by a high performance LGA1151 socket 7th/6th generation Intel® Core™ processor with the Intel® H110 chipset. It features four COM ports, two Gigabit Ethernet and up to 32GB memory of dual-channel DDR4-2133 that delivers high computing capability for high performance-demanding applications. The industrial touch panel PC is most suitable for kiosk, factory, and automation.

Expandable for 1 PCIe or 1 PCI

The P1197E-500 has one PCIe x4 or one PCI slot for expansion purpose. User can easily plug in standard half-size PCI or PCIe card based on any application needs.

Speaker and WLAN Antenna Supported

The P1197E-500 is equipped with built-in speakers for multimedia applications. It also supports WLAN module antenna (optional) for wireless network connectivity.

User-friendly Screw Design

The P1197E-500 is designed with ease of maintenance in mind. There are only three screws on the back chassis, so that technicians can quickly remove the system's back cover with minimum effort.

Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	19" SXGA TFT LCD
	Brightness	250 nits
	Resolution	1280 x 1024 pixels
	Viewing Angle	170°/160°
Main System	CPU	LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Celeron® or Pentium® processor
	Chipset	Intel® H110
	System Memory	2 x 288-pin DDR4-2133 Long-DIMM, up to 32GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 3.5" or 1 x SATA HDD (9.5 mm height)
	Drive	N/A
	Watchdog Timer	255 levels, 1 to 255 sec.

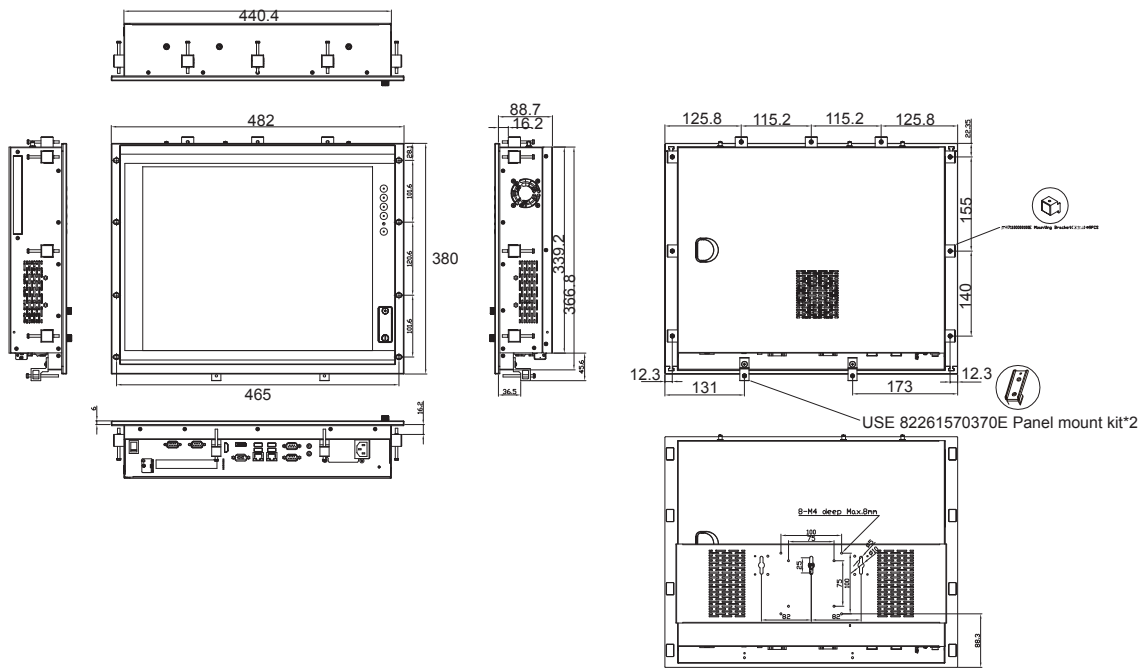
Specifications

IO Connector	3 x RS-232 1 x RS-232/422/485 1 x HDMI 1 x VGA 1 x DisplayPort 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i219-LM/i211-AT) 1 x Audio (Mic-in & Line-out)
TPM	N/A
Expansion Interface	1 x PCIe x4 or 1 x PCI
Touchscreen	5-wire resistive type Light transmission 79% 1 million activations (typical) at a single point
Power Supply	100 to 240 VAC, 200W
Power Consumption	157W
Dimensions	482 mm (18.98") (W) x 94.7 mm (3.73") (D) x 380.8 mm (14.99") (H)
Packing Dimensions	615 mm (24.21") (W) x 250 mm (9.84") (D) x 585 mm (23.03") (H)
Weight(net/gross)	8 kg (17.64 lb)/10.4 kg (22.93 lb)
Operating temperature	0°C to +45°C (+32°F to +113°F)
Relative humidity	10% to 90% @ +40°C, non-considering
Operating vibration	1.0G, 5 - 500 Hz, random
Certifications	CE

Packing list

- 1 x P1197E-500
- 1 x Panel mount kit
- 1 x US power cord

Dimensions



Ordering Information

P1197E-500-US w/PCIe x4 (P/N: E221197104)	19" SXGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor, resistive touch screen, PCIe x4 slot, and 100 to 240 VAC with US power cord
P1197E-500-US w/PCI (P/N: E221197105)	19" SXGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor, resistive touch screen, PCI slot, and 100 to 240 VAC with US power cord

- * Other configuration by request
- * Specification and certifications may vary based on different requirements

Optional Accessories

Wi-Fi kit	
881211970AOE	VESA & wall mount kit
E981604011	ATC10 (VESA arm clamp type)
E981604012	ATW10 (VESA arm wall mount)
E221177116	Stand kit

Optional EOS Installation

Windows® 10 IoT Enterprise

Optional OS Installation

Windows® 10



▲ Less screw design

5

Modular Panel PCs

Axiomtek's ITC series of modular panel PCs with built-in the Intel® Smart Display Module (Intel® SDM) are designed to simplify installation, upgrade and maintenance. These modular PCs are ideal for light-weight applications including light industry, digital signage, POS/kiosk, etc.

Selection Guide		69
ITC150WM	15.6" FHD TFT LCD Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card	70
ITC210	21.5" FHD TFTLCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card	72

Industrial Panel PCs

Interactive Touch Computers

Selection Guide



NEW



Features/Models	ITC150WM	ITC210
SDM Module	SDM300S: Intel® SDM Small (SDM-S, 60 x 100 mm) SDM500L: Intel® SDM Large (SDM-L, 175 x 100 mm)	SDM300S: Intel® SDM Small (SDM-S, 60 x 100 mm) SDM500L: Intel® SDM Large (SDM-L, 175 x 100 mm)
CPU Level	SDM300S: Intel® Pentium® N4200 1.1GHz or Intel® Celeron® N3350 1.1GHz SDM500L: Intel® Core™ i5-8365UE 1.6GHz or Intel® Celeron® 4305UE 2.0GHz	SDM300S: Intel® Pentium® N4200 1.1GHz or Intel® Celeron® N3350 1.1GHz SDM500L: Intel® Core™ i5-8365UE 1.6GHz or Intel® Celeron® 4305UE 2.0GHz
Chipset	SoC Integrated	SoC Integrated
System Memory	SDM300S: Onboard LPDDR4 2400 MHz 4GB (8GB optional) SDM500L: 2 x 260-pin DDR4-2400 SO-DIMM slot, up to 32GB	SDM300S: Onboard LPDDR4 2400 MHz 4GB (8GB optional) SDM500L: 2 x 260-pin DDR4-2400 SO-DIMM slot, up to 32GB
Display	15.6" FHD TFT LCD 300 nits 16:9 ratio 1920 x 1080 pixels	21.5" FHD TFT LCD 250 nits 16:9 ratio 1920 x 1080 pixels
SDM-S I/O	1 x GbE LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole	1 x GbE LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole
SDM-L I/O	1 x Power button with LED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Line out 1 x Microphone input	1 x Power button with LED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Line out 1 x Microphone input
I/O	1 x HDMI 1 x USB 3.0 Type A 2 x USB 2.0 Type A 1 x MicroSD card slot (push-push type) 2 x 12 VDC-in barrel (screw-lock type) 1 x Power button with LED	1 x HDMI 1 x USB 3.0 Type A 2 x USB 2.0 Type A 1 x MicroSD card slot (push-push type) 2 x 12 VDC-in barrel (screw-lock type) 1 x Power button with LED
Storage	SDM300-S: 1 x eMMC 64GB onboard SDM500-L: 1 x M.2 Key B 2242 slot 1 x M.2 Key M 2280 slot	SDM300-S: 1 x eMMC 64GB onboard SDM500-L: 1 x M.2 Key B 2242 slot 1 x M.2 Key M 2280 slot
Expansion Interface	1 x M.2 Key E 2230 slot (for Wi-Fi)	1 x M.2 Key E 2230 slot (for Wi-Fi)
Touchscreen	Projected capacitive multi-touch	Projected capacitive multi-touch
Operating System	Windows® 10	Windows® 10
Power Supply	84W (12V/7A) AC to DC power adapter	84W (12V/7A) AC to DC power adapter
Power Consumption	Average 45W	Average 60W
Watchdog Timer	255 levels, 1 to 255 sec./min.	255 levels, 1 to 255 sec./min.
Dimensions (W x D x H)	386 x 40 x 241 mm (15.1" x 1.6" x 9.5")	519.5 x 49.8 x 311 mm (20.4" x 1.9" x 12.2")
Weight (net/gross)	3.1 kg (6.9lb)/5.6 kg (12.4 lb)	7.1 kg (15.7 lb)/10.2 kg (22.5 lb)
Operating Temperature	0°C to +40°C (+32°F to +104°F)	0°C to +40°C (+32°F to +104°F)
Certifications	CE, FCC Class A	CE, FCC Class A

Modular
Panel PCs

ITC150WM

15.6" FHD TFT LCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM)
CPU Card

Features

- 15.6" full HD TFTLCD
- 16:9 aspect ratio; 300 nits brightness
- Slim bezel shape under 40 mm thickness
- Projected capacity touch with 10-point touch supported
- Swappable Intel® SDM CPU card design
- Metal frame structure for various applications
- Supports add-on modules and mounting kits (optional)



Specifications

Front Bezel	Metallic front bezel, IPx4 compliant	
LCD Panel	Display Type	15.6" FHD TFT-LCD
	Brightness (cd/m ²)	300 nits
	Resolution	1920 (H) x 1080 (V)
	Aspect Ratio	16:9
Main System	Intel® SDM Small (SDM-S, 60 x 100 mm) Intel® SDM Large (SDM-L, 175 x 100 mm)	
I/O Connector (Depends on SDM I/O)	SDM500L	1 x Power button with LED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Audio output 1 x Microphone input 2 x SMA antenna reserved hole
	SDM300S	1 x GbE LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole
Touchscreen	Projected capacitive multi-touch	
Stereo Speaker	2 x S.P.L. 88dB, 1.5W, 4 ohm	
Power Supply	84W (12V@7A) AC to DC power adapter	
Power Consumption	Average 45W	
Dimensions	386 mm (15.1") (W) x 40 mm (1.6") (D) x 241 mm (9.5") (H)	
Packing Dimensions	518 mm (20.39") (W) x 193 mm (7.6") (D) x 466 mm (18.35") (H)	
Weight (net/gross)	3.1kg (6.9lb)/5.6kg (12.4lb)	
Operating Temperature	0°C to +40°C (+32°F to +104°F)	
Operating Humidity	20% - 90%, non-condensing	
Certifications	CE, FCC Class A	

CPU Card Selection: SDM300-S

CPU	Quad-core Intel® Pentium® N4200 1.1GHz processor or Dual-core Intel® Celeron® N3350 1.1GHz processor
System Memory	Onboard LPDDR4 2400 MHz 4GB (8GB optional)
BIOS	AMI UEFI BIOS
Storage	1 x eMMC 64GB onboard
Watchdog Timer	255 levels, 1 to 255 sec.
Onboard Graphics	Intel® HD Graphics 505/500 (depends on CPU card)
I/O Connector	Rear Side 1 x GbE LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole
Expansion Interface	1 x M.2 Key E 2230 slot (for the Wi-Fi)

CPU Card Selection: SDM500-L

CPU	Intel® Celeron® 4305UE 2.0GHz processor or Intel® Core™ processor (optional)
System Memory	2 x 260-pin DDR4-2400 SO-DIMM slot, up to 64GB
BIOS	AMI UEFI BIOS
Storage	1 x M.2 Key B 2242 slot 1 x M.2 Key M 2280 slot
Watchdog Timer	255 levels, 1 to 255 sec.
Onboard Graphics	Intel® UHD Graphics 620/610 (depends on CPU card)
I/O Connector	Rear Side 1 x Power button with L ED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Audio output 1 x Microphone input
Expansion Interface	1 x M.2 Key E 2230 slot (for Wi-Fi)

Packing List

1 x ITC150WM with SDM module
1 x Adaptor

Ordering Information

Standard	
ITC150WM-SDM300S-N4200 (P/N: E22T150102)	15.6 FHD PCAP touch slim bezel panel with SDM300S Intel® Pentium® N4200 processor, onboard DDR4 4G, eMMC 64GB, 1 LAN, 3 USB 3.0, 2 USB 2.0, 2 speaker, and 2 DC Jack
ITC150WM-SDM500L-8365UE (P/N: E22T150103)	15.6 FHD PCAP touch slim bezel panel with SDM500L Intel® Core™ i5 8365UE processor, 2 SO-DIMM, 2 M.2 SSD, 1 LAN, 5 USB 3.0, 2 USB 2.0, 2 speaker, 1 Mic-in, 1 Line-out, and 2 DC Jack
*Other SDM module by request.	

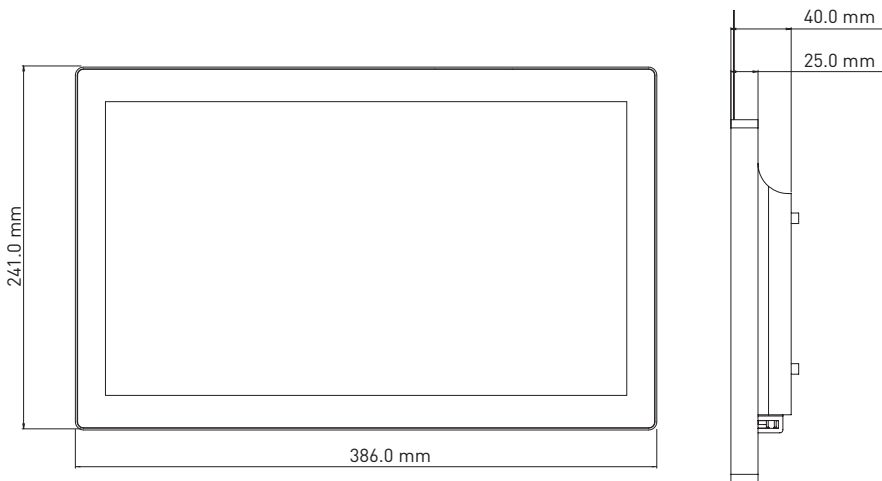
Optional Accessories

SSD M.2 2280-B-M (SDM500L)	
SSD M.2 2242-B (SDM500L)	
DDR4 SO-DIMM: 4GB-32GB (SDM500L)	
822T1500050E	Mounting kit
8812T1500A0E	Wi-Fi kit
59903000000E	AC power cord EU, L=1830 mm
59902000000E	AC power cord US, L=1830 mm
59909010000E	AC power cord China, L=1830 mm
59906000010E	AC power cord Japan, L=1830 mm
59905000000E	AC power cord Australia, L=1830 mm
59918000000E	AC power cord Brazil, L=1830 mm

Optional OS Installation

Windows® 10 IoT 64-bit

Dimensions

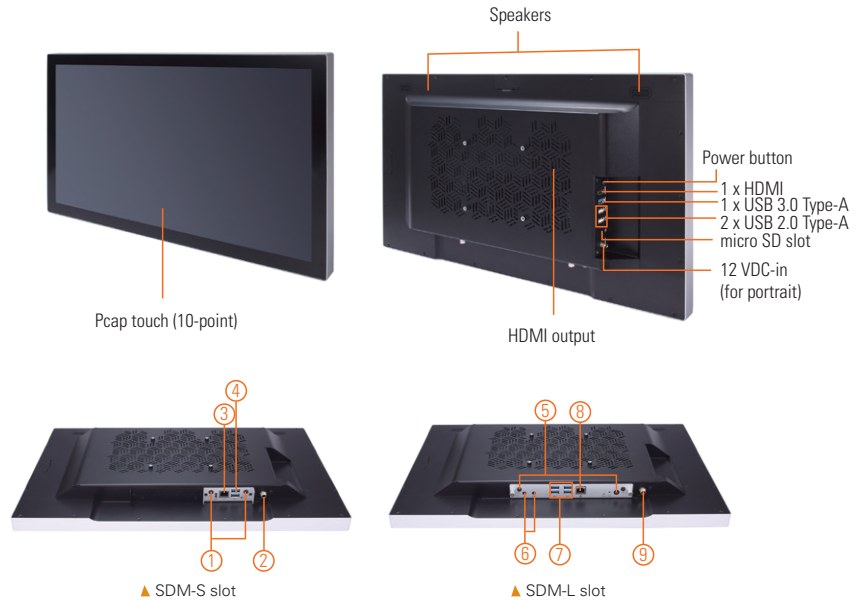


ITC210 NEW

21.5" FHD TFT LCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM)
CPU Card

Features

- 21.5" full HD TFTLCD
- 16:9 aspect ratio; 250 nits brightness
- Slim bezel shape under 50 mm thickness
- Projected capacity touch supported (10-point touch)
- Swappable Intel® SDM CPU card design
- Metal frame structure for various applications
- Supports add-on modules and mounting kits (optional)



- ▲ SDM-S slot
1. 2 x SMA antenna reserved hole
 2. 12 VDC-in
 3. 1 x LAN
 4. 2 x USB 3.0 Type-A

- ▲ SDM-L slot
5. 2 x SMA antenna reserved hole
 6. Mic-in/Line-out
 7. 4 x USB 3.0 Type-A
 8. 1 x LAN
 9. 12 VDC-in



Specifications

Front Bezel	Metallic front bezel, IPx4 compliant	
LCD Panel	Display Type	21.5" FHD TFTLCD
	Brightness (cd/m ²)	250 nits
	Resolution	1920 (H) x 1080 (V)
	Aspect Ratio	16:9
Main System	Intel® SDM Small (SDM-S, 60 x 100 mm) Intel® SDM Large (SDM-L, 175 x 100 mm)	
I/O Connector	SDM500L	1 x Power button with LED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Audio output 1 x Microphone input 2 x SMA antenna reserved hole
	SDM300S	1 x GbE LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole
Touchscreen	Projected capacitive multi-touch	
Stereo Speaker	2 x S.P.L. 88dB, 1.5W, 4 ohm	
Power Supply	84W (12V@7A) AC to DC power adapter	
Power Consumption	Average 60W	
Dimensions	519 mm (20.4") x 49.8 mm (1.9") x 311 mm (12.2")	
Packing Dimensions	648 mm (25.5") x 193 mm (7.6") x 541 mm (21.3")	
Weight (net/gross)	7.1kg (15.7lb)/10.2kg (22.5lb)	
Operating Temperature	0°C to +40°C (+32°F to +104°F)	
Operating Humidity	20% - 90%, non-condensing	
Certifications	CE, FCC Class A, and CB	

CPU Card Selection: SDM300-S

CPU	Quad-core Intel® Pentium® N4200 1.1GHz processor or Dual-core Intel® Celeron® N3350 1.1GHz processor (depends on CPU Card)	
System Memory	Onboard LPDDR4 2400 MHz 4GB (8GB optional)	
BIOS	AMI UEFI BIOS	
Storage	1 x M.2 Key B 2242 slot 1 x M.2 Key M 2280 slot	
Watchdog Timer	255 levels, 1 to 255 sec.	
Onboard Graphics	Intel® HD Graphics 505/500 (depends on CPU card)	
I/O Connector	Rear Side	1 x GbE LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole
Expansion Interface	1 x M.2 Key E 2230 slot (for Wi-Fi/4G LTE)	

CPU Card Selection: SDM500-L

CPU	Quad-core Intel® Core™ i5-8365UE 1.6GHz processor or Dual-core Intel® Celeron® 4305UE 2.0GHz processor (depends on CPU card)	
System Memory	2 x 260-pin DDR4-2400 SO-DIMM slot, up to 64GB	
BIOS	AMI UEFI BIOS	
Storage	1 x M.2 Key B 2280 slot	
Watchdog Timer	255 levels, 1 to 255 sec.	
Onboard Graphics	Intel® UHD Graphics 620/610 (depends on CPU card)	
I/O Connector	Rear Side	1 x Power button with LED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Audio output 1 x Microphone input 2 x SMA antenna reserved hole
Expansion Interface	1 x M.2 Key E 2230 slot (for the Wi-Fi)	

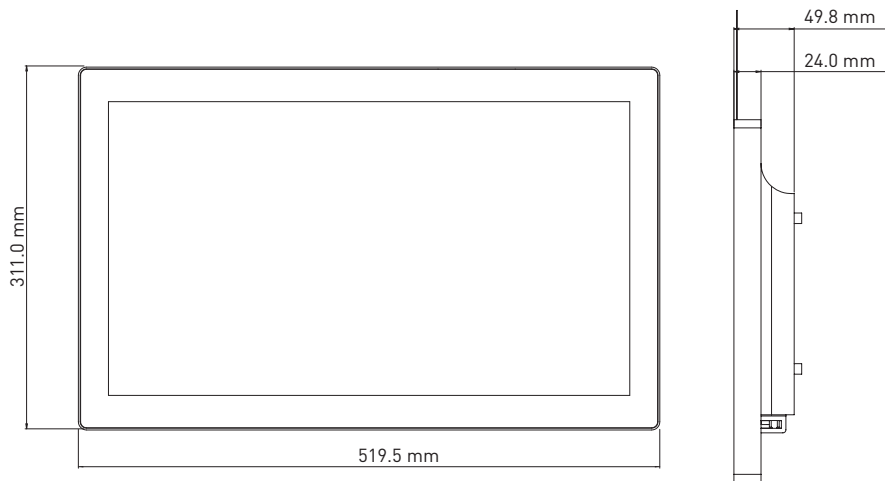
Ordering Information

Standard	
ITC210-300S	21.5" FHD PCAP touch slim bezel modular panel PC with SDM300S (Intel® Pentium® N4200 or Celeron® N3350 processor)
ITC210-500L	21.5" FHD PCAP touch slim bezel modular panel PC with SDM500L (Intel® Core™ i5-8365UE or Celeron® 4305UE processor)

Optional

Add-on module: 5MP webcam	
Wall mount kit	
SSD M.2 2280-B-M (SDM500L)	
SSD M.2 2242-B (SDM500L)	
DDR4 SO-DIMM: 4GB-32GB (SDM500L)	
59902000000E	AC power cord US, L=1830 mm
59903000000E	AC power cord EU, L=1830 mm
59909010000E	AC power cord China, L=1830 mm
59906000010E	AC power cord Japan, L=1830 mm
59905000000E	AC power cord Australia, L=1830 mm
59918000000E	AC power cord Brazil, L=1830 mm

Dimensions



Optional OS Installation

Windows® 10 IoT 64-bit

6

Industrial Touch Monitors

The P6000 product series offers flexible options of resistive or projective capacitive touch screens for ease and practicality of use. The P6000 products are ideal solutions for use in industrial automation and control systems, building automation, machinery manufacturing environments, self-service kiosks, and other HMI applications.

Selection Guide	75
 P6103W-V3	10.1" WXGA TFT Widescreen Industrial LCD Monitor 78
 P6121-V3	12.1" XGA TFT Industrial LCD Monitor 80
 P6151-V3	15" XGA TFT Industrial LCD Monitor 82
 P6157W-V3	15.6" WXGA TFT Widescreen Industrial LCD Monitor 84
 P6171-V3	17" SXGA TFT Industrial LCD Monitor 86
 P6187-V3	18.5" WXGA TFT Widescreen Industrial LCD Monitor 88
 P6191-V3	19" SXGA TFT Industrial LCD Monitor 90
 P6217-V3	21.5" FHD TFT Widescreen Industrial LCD Monitor 92

Industrial Panel PCs

Industrial Touch Monitors

Selection Guide

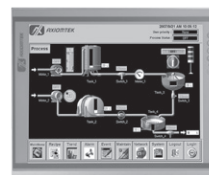
NEW



NEW



NEW



Features\Models	P6103W-V3	P6121-V3	P6151-V3
Front Bezel	Flat, NEMA 4/12 (IP65)-compliant	NEMA 4/12 (IP65)-compliant	NEMA 4/12 (IP65)-compliant
Display Type	10.1" WXGA TFT	12.1" XGA TFT	15" XGA TFT
Max. Colors	16.7M	16.7M	16.2M
Active Area (mm)	216.96 x 135.60	245.76 x 184.32	304.128 x 228.096
Max. Resolution	1280 x 800	1024 x 768	1024 x 768
Pixel Pitch (H x V, mm)	0.1695 x 0.1695	0.24 x 0.24	0.297 x 0.297
Backlight	LED	LED	LED
Backlight MTBF (hrs)	30,000	30,000	30,000
Viewing Angle (H/V)	170°/170°	178°/178°	160°/160°
Response Time	25ms	25ms	16ms
Contrast Ratio	800 (TYP)	1000 (TYP)	800 (TYP)
Brightness (cd/m2)	350 nits	500 nits	420 nits
Display Control	OSD	OSD	OSD
I/O Connectors	1 x Screw type connector 1 x USB for touch 1 x VGA 1 x HDMI 1 x DisplayPort 1 x Line-in	1 x Power input with terminal block 1 x USB for touch 1 x VGA 1 x HDMI 1 x DisplayPort 1 x Line-in	1 x Screw type connector 1 x Power input with terminal block (optional) 1 x USB for touch 1 x VGA 1 x HDMI 1 x DisplayPort 1 x Line-in
Touchscreen	Projective capacitive multi-touch	5-wire resistive touch	5-wire resistive touch
Power Consumption	12W	22W	14W
Power Adapter	Screw-type external AC/DC power adapter	24VDC with terminal block	AC version: Screw-type external AC/DC power adapter DC version: 24VDC with terminal block
Dimensions (W x D x H)	260.8 x 38 x 194.1 mm (10.27" x 1.5" x 7.64")	311.81 x 54.95 x 250.31 mm (12.28" x 2.16" x 9.85")	377.9 x 58 x 309.3 mm (19.69" x 2.28" x 12.18")
Weight (net/gross)	1.036 kg (2.28 lb)/1.6 kg (3.53 lb)	2.35 kg (5.18 lb)/2.8 kg (6.17 lb)	3.7 kg (8.15 lb)/5.9 kg (13 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)
Mounting	Panel mount/wall mount/VESA mount	Panel mount/wall mount/VESA mount	Panel mount/wall mount/VESA mount
Certifications	CE	CE	CE

Industrial Touch Monitors

Selection Guide

NEW



NEW



NEW



Features/Models	P6157W-V3	P6171-V3	P6187-V3
Front Bezel	Flat, NEMA 4/12 (IP65)-compliant	NEMA 4/12 (IP65)-compliant	Flat, NEMA 4/12 (IP65)-compliant
Display Type	15.6" WXGA TFT	17" SXGA TFT	18.5" WXGA TFT
Max. Colors	16.7M	16.2M	16.7M
Active Area (mm)	344.232 x 193.536	337.92 x 270.33	409.8 x 230.4
Max. Resolution	1366 x 768	1280 x 1024	1366 x 768
Pixel Pitch (H x V, mm)	0.252 x 0.252	0.264 x 0.264	0.300 x 0.300
Backlight	LED	LED	LED
Backlight MTBF (hrs)	50,000	30,000	50,000
Viewing Angle (H/V)	170°/160°	170°/160°	170°/160°
Response Time	8ms	5ms	22ms
Contrast Ratio	500 (TYP)	1000 (TYP)	1000 (TYP)
Brightness (cd/m2)	400 nits	250 nits	450 nits
Display Control	OSD	OSD	OSD
I/O Connectors	1 x Screw type connector 1 x Power input with terminal block (optional) 1 x USB for touch 1 x VGA 1 x HDMI 1 x DisplayPort 1 x Line-in	1 x Screw type connector 1 x Power input with terminal block (optional) 1 x USB for touch 1 x VGA 1 x HDMI 1 x DisplayPort 1 x Line-in	1 x Power input with terminal block 1 x USB for touch 1 x VGA 1 x HDMI 1 x DisplayPort 1 x Line-in
Touchscreen	Projective capacitive multi-touch	5-wire resistive touch	Projective capacitive multi-touch
Power Consumption	17W	19W	21W
Power Adapter	AC version: Screw-type external AC/DC power adapter DC version: 24VDC with terminal block	AC version: Screw-type external AC/DC power adapter DC version: 24VDC with terminal block	24VDC with terminal block
Dimensions (W x D x H)	397 x 54 x 247 mm (15.63" x 2.13" x 9.72")	410 x 58 x 338.3 mm (16.15" x 2.28" x 13.32")	460 x 56.2 x 285 mm (18.11" x 2.21" x 11.22")
Weight (net/gross)	4.1 kg (9.1 lb)/6.1 kg (13.44 lb)	4.45 kg (9.82 lb)/6.71 kg (14.8 lb)	7.56 kg (16.67 lb)/8.92 kg (19.67 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)	0°C to +45°C (+32°F to +113°F)	0°C to +50°C (+32°F to +122°F)
Mounting	Panel mount/wall mount/VESA mount	Panel mount/wall mount/VESA mount/ Rackmount	Panel mount/wall mount/VESA mount
Certifications	CE	CE	CE

Industrial Touch Monitors

Selection Guide

NEW



NEW



Features\Models	P191-V3	P6217W-V3
Front Bezel	NEMA 4/12 (IP65)-compliant	Flat, NEMA 4/12 (IP65)-compliant
Display Type	19" SXGA TFT	21.5" FHD TFT
Max. Colors	16.7M	16.7M
Active Area (mm)	376.32 x 301.06	476.064 x 267.786
Max. Resolution	1280 x 1024	1920 x 1080
Pixel Pitch (H x V, mm)	0.294 x 0.294	0.24795 x 0.24795
Backlight	LED	LED
Backlight MTBF (hrs)	30,000	50,000
Viewing Angle (H/V)	170°/160°	178°/178°
Response Time	5ms	22ms
Contrast Ratio	1000 (TYP)	1000 (TYP)
Brightness (cd/m2)	250 nits	250 nits
Display Control	OSD	OSD
I/O Connectors	1 x Power input with terminal block 1 x USB for touch 1 x VGA 1 x HDMI 1 x DisplayPort 1 x Line-in	1 x Screw type connector 1 x Power input with terminal block (option) 1 x USB for touch 1 x VGA 1 x HDMI 1 x DisplayPort 1 x Line-in
Touchscreen	5-wire resistive touch	Capacitive type 10-point projected capacitive multi- touch
Power Consumption	17W	21W
Power Adapter	24VDC with terminal block	AC version: Screw-type external AC/DC power adapter DC version: 24VDC with terminal block
Dimensions (W x D x H)	482 x 55 x 380 mm (18.98" x 2.17" x 14.96")	547.6 x 52.6 x 339.1 mm (21.56" x 2.07" x 13.35)
Weight (net/gross)	6 kg (13.23 lb)/7.5 kg (16.53 lb)	7.56 kg (16.67 lb)/8.92 kg (19.67 lb)
Operating Temperature	0°C to +45°C (+32°F to +113°F)	0°C to +50°C (+32°F to +122°F)
Mounting	Panel mount/wall mount/VESA mount/ rackmount	Panel mount/wall mount/VESA arm
Certifications	CE	CE

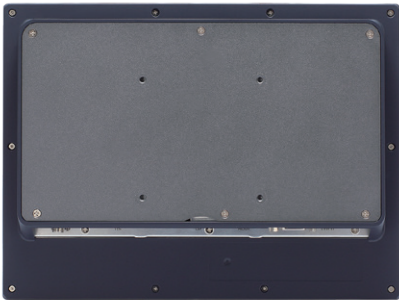
P6103W-V3

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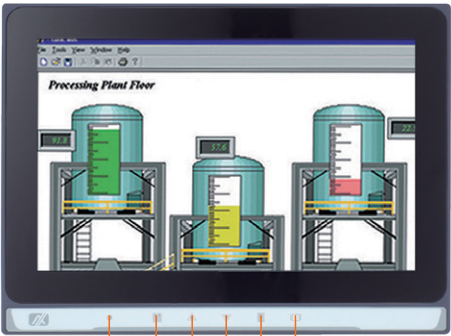
10.1" WXGA TFT Widescreen Industrial LCD Monitor

Features

- 10.1" WXGA TFT LED backlight LCD
- Projected capacitive multi-touch
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, and VESA arm
- Full range screw-type (locked) AC-in
- DP, VGA, and HDMI with multi-signal inputs



▲ Rear view



1. Power LED
2. Menu
3. SEL+
4. SEL-
5. Exit
6. Power switch



7. 12 VDC power input
8. USB touch interface
9. DisplayPort
10. HDMI
11. VGA
12. Audio (Line-in)

Introduction

The P6103W-V3 is an ultra slim industrial LCD monitor, which adopts 10.1-inch 350 nits WXGA LED backlight LCD display and supports multi-signal interfaces including DisplayPort, VGA, and HDMI. It features NEMA 4/12 and IP65 compliant front bezel, screw-type adaptor plug design. Moreover, the P6103W-V3 supports panel mount, wall mount or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI, and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant and metal front bezel	
Mounting	Panel mount, wall mount or VESA arm FPMPMI mounting (video electronics standards association flat panel monitor physical mounting interface)	
LCD Panel	Display	10.1" WXGA TFT LCD
	Max. Resolution	1280 x 800
	Max. Colors	16.7M
	Active Area (mm)	216.96 x 135.60
	Pixel Pitch (mm)	0.1695 x 0.1695
	Response Time	25ms
	Backlight	LED backlight
	Backlight MTBF	30,000 hrs
	Viewing Angle (H/V)	170°/170°
	Contrast Ratio	800 (TYP.)
Display Control	Brightness (cd/m ²)	350 nits
	OSD (on screen display)	
Input Signal	DisplayPort	
	VGA	
	HDMI	
	Touchscreen: USB interface	

Specifications

I/O Connectors	1 x USB for touchscreen version 1 x Audio (Line-in) 1 x VGA 1 x DisplayPort 1 x HDMI 1 x Power input with screw type connector
Power Adapter	AC version: 100 - 240 VAC-DC, 12V3A, 36W power adapter
Power Consumption	12W
Touchscreen	Projected capacitive touch
Dimensions	260.8 mm (10.27") (W) x 38 mm (1.5") (D) x 194.1 mm (7.64") (H)
Packing Dimensions	415 mm (16.33") (W) x 99 mm (3.9") (D) x 313 mm (12.32") (H)
Weight (net/gross)	1.036 kg (2.28 lbs)/1.6 kg(3.53 lbs)
Environment	Operating temperature: 0°C to +50°C (+32°F to +122°F) Relative humidity: 10% to 90% @ +40°C, non-condensing
Packing List	1 x P6103W-V3 unit 1 x VGA cable 1 x USB cable for touch 1 x Audio cable 1 x Adapter (AC version only)
Certificate	CE

Ordering Information

P6103WPC-AC-U-V3 (P/N: E226103105)	10.1" industrial monitor with capacitive touch screen and AC version
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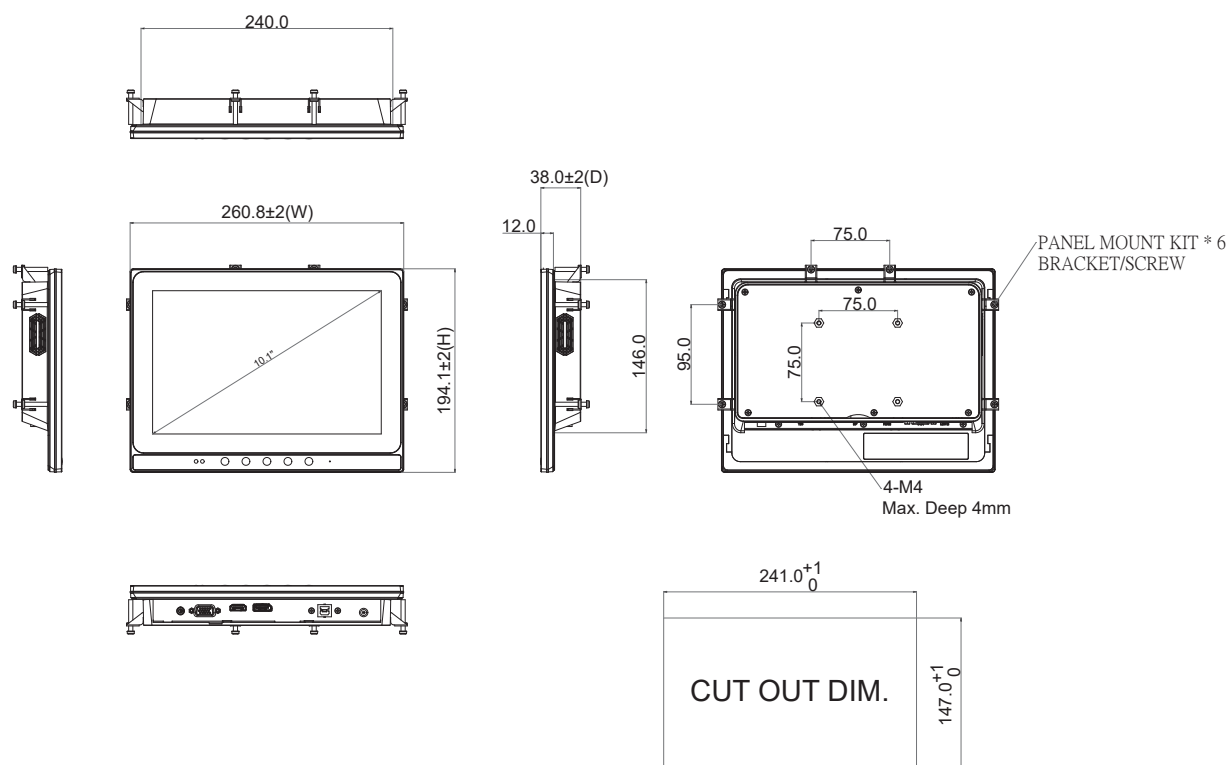
*Other configuration by request

*Specification and certifications may vary based on different requirements

Optional Accessories

5946L203800E	HDMI cable
59461713910E	DisplayPort cable
82251030100E	Panel mount kit
82238460050E	Wall mount kit
E226171119	Desktop stand

Dimensions



P6121-V3

NEW

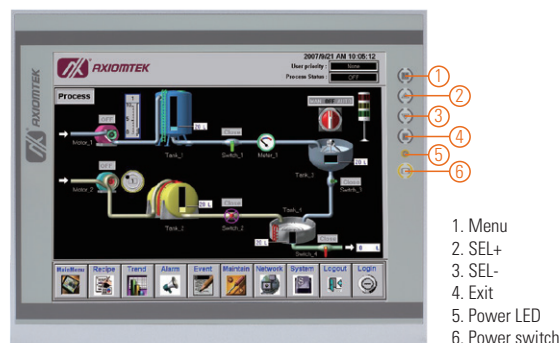
12.1" XGA TFT Industrial LCD Monitor

Features

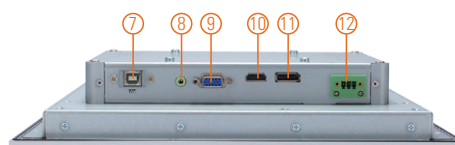
- 12.1" XGA TFT LED backlight LCD
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, and VESA arm
- Resistive touchscreen
- 24 VDC power input
- HDMI, DisplayPort, and VGA with multi-signal inputs



▲ Ultra-slim mechanism design



1. Menu
2. SEL+
3. SEL-
4. Exit
5. Power LED
6. Power switch



7. USB touch interface
8. Audio (Line-in)
9. VGA
10. HDMI
11. DisplayPort
12. 24 VDC power input

Introduction

The P6121-V3 is an ultra slim industrial LCD monitor, which adopts 12.1-inch 500 nits XGA LED backlight LCD display and supports multi-signal interfaces including DisplayPort, VGA, and HDMI. Featuring NEMA 4/12 and IP65-rated compliant front bezel, 24VDC power input. Moreover, the P6121-V3 supports panel mount, wall mount or VESA FPMPI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI, and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant and metal front bezel	
Mounting	Panel mount, wall mount or VESA arm FPMPI mounting (video electronics standards association flat panel monitor physical mounting interface)	
LCD Panel	Display	12.1" XGA TFT LCD
	Max. Resolution	1024 x 768
	Max. Colors	16.7M
	Active Area (mm)	245.76 x 184.32
	Pixel Pitch (mm)	0.24 x 0.24
	Response Time	25ms
	Backlight	LED backlight
	Backlight MTBF	30,000 hrs
	Viewing Angle (H/V)	178°/178°
	Contrast Ratio	1000 (TYP.)
	Brightness (cd/m ²)	500 nits
Display Control	OSD (on screen display)	
Input Signal	DP	
	VGA	
	HDMI	
	Touchscreen: USB interface	

Specifications

I/O Connectors	1 x USB for touchscreen version 1 x Audio (Line-in) 1 x VGA 1 x DisplayPort 1 x HDMI 1 x Power input with terminal block (DC version)
Audio	2 x Speaker
Power Adapter	DC version: 24VDC
Power Consumption	22W
Touchscreen	5-wire resistive touch
Dimensions	311.81 mm (12.28") (W) x 54.95 mm (2.16") (D) x 250.31 mm (9.85") (H)
Packing Dimensions	520 mm (20.47") (W) x 196 mm (7.71") (D) x 547 mm (21.53") (H)
Weight (net/gross)	2.35 kg (5.18 lbs)/2.8 kg (6.17 lbs)
Environment	Operating temperature: 0°C to +50°C (+32°F to +122°F) Relative humidity: 10% to 90% @ +40°C, non-condensing
Packing List	1 x P6121-V3 unit 1 x VGA cable 1 x USB cable for touchscreen 1 x Audio cable
Certificate	CE

Ordering Information

P6121PR-DC-U-V3 (P/N: E226121114)	12.1" industrial monitor with resistive touch screen and DC version
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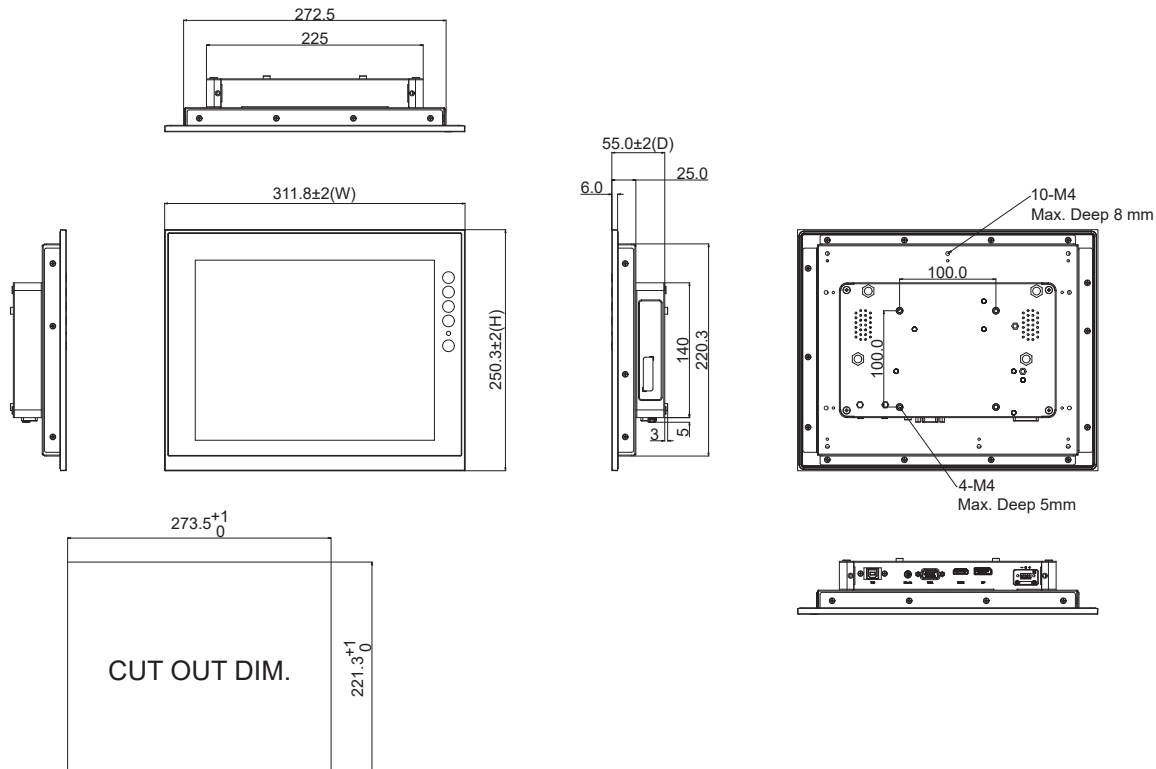
* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

50906D24000E	Adaptor 24V/120W, wire only
59902000030E	US 1.8M power cord
59904000050E	EK 1.83M power cord
59903000080E	EU 1.83M power cord
5946L203800E	HDMI cable
59461713910E	DisplayPort cable
82261210000E	Panel mount kit
82231770050E	Wall mount kit
E226171119	Desktop stand

Dimensions



P6151-V3

NEW

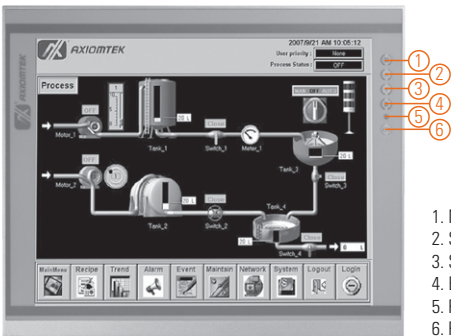
15" XGA TFT Industrial LCD Monitor

Features

- 15" XGA TFT 420 nits LCD
- Resistive touch
- NEMA 4/12 (IP65) compliant front bezel
- Full range screw-type (locked) AC-in or 24 VDC in (optional)
- HDMI, DisplayPort, and VGA with multi-signal inputs
- Supports panel mount, wall mount, and VESA mount
- Built-in speakers



▲ Ultra-slim mechanism design



1. Menu
2. SEL+
3. SEL-
4. Exit
5. Power LED
6. Power switch

Introduction

The P6151-V3 is an ultra slim industrial LCD monitor, which adopts 15-inch 420 nits XGA LED backlight LCD display and supports multi-signal interfaces including DisplayPort, VGA, and HDMI. Featuring, screw-type adaptor plug design, and 12V/24V DC-in means it is fit for all kinds of industrial environments. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI, and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant and metal front bezel
Mounting	Panel mount, wall mount or VESA arm FPMPMI mounting (video electronics standards association Flat Panel monitor physical mounting interface)
LCD Panel	Display 15" XGA TFT LCD Max. Resolution 1024 x 768 Max. Colors 16.2M Active Area (mm) 304.128 x 228.096 Pixel Pitch (mm) 0.297 x 0.297 Response Time 16ms Backlight LED backlight Backlight MTBF 30,000 hrs Viewing Angle (H/V) 160°/160° Contrast Ratio 800 (TYP.) Brightness (cd/m ²) 420 nits
Display Control	OSD (on screen display)
Input Signal	DisplayPort VGA HDMI Touchscreen: USB interface

Specifications

I/O Connectors	1 x USB for touchscreen version 1 x Audio (Line-in) 1 x VGA 1 x DisplayPort 1 x HDMI 1 x Power input with screw type connector (AC version) 1 x Power input with terminal block (DC version)
Audio	2 x Speaker
Power Supply	AC version: 100 - 240 VAC-DC, 12V3A, 36W power adapter DC version: 24 VDC
Power Consumption	14W
Touchscreen	5-wire resistive touch
Dimensions	377.9 mm (14.88") (W) x 58 mm (2.28") (D) x 309.3 mm (12.18") (H)
Packing Dimensions	520 mm (20.47") (W) x 196 mm (7.71") (D) x 547 mm (21.53") (H)
Weight (net/gross)	3.7 kg (8.15 lb)/5.9 kg (13 lb)
Environment	Operating temperature: 0°C to +50°C (+32°F to +122°F) Relative humidity: 10% to 90% @ +40°C, non-condensing
Packing List	1 x P6151-V3 unit 1 x VGA cable 1 x USB cable for touch 1 x Audio cable 1 x Adapter (AC Version) 1 x 3-pin Terminal block (DC version only)
Certificate	CE

Ordering Information

P6151PR-AC-U-V3 (P/N: E226151116)	15" industrial monitor with resistive touch screen (USB interface), and AC version
P6151PR-DC-U-V3 (P/N: E226151118)	15" industrial monitor with resistive touch screen (USB interface), and DC version

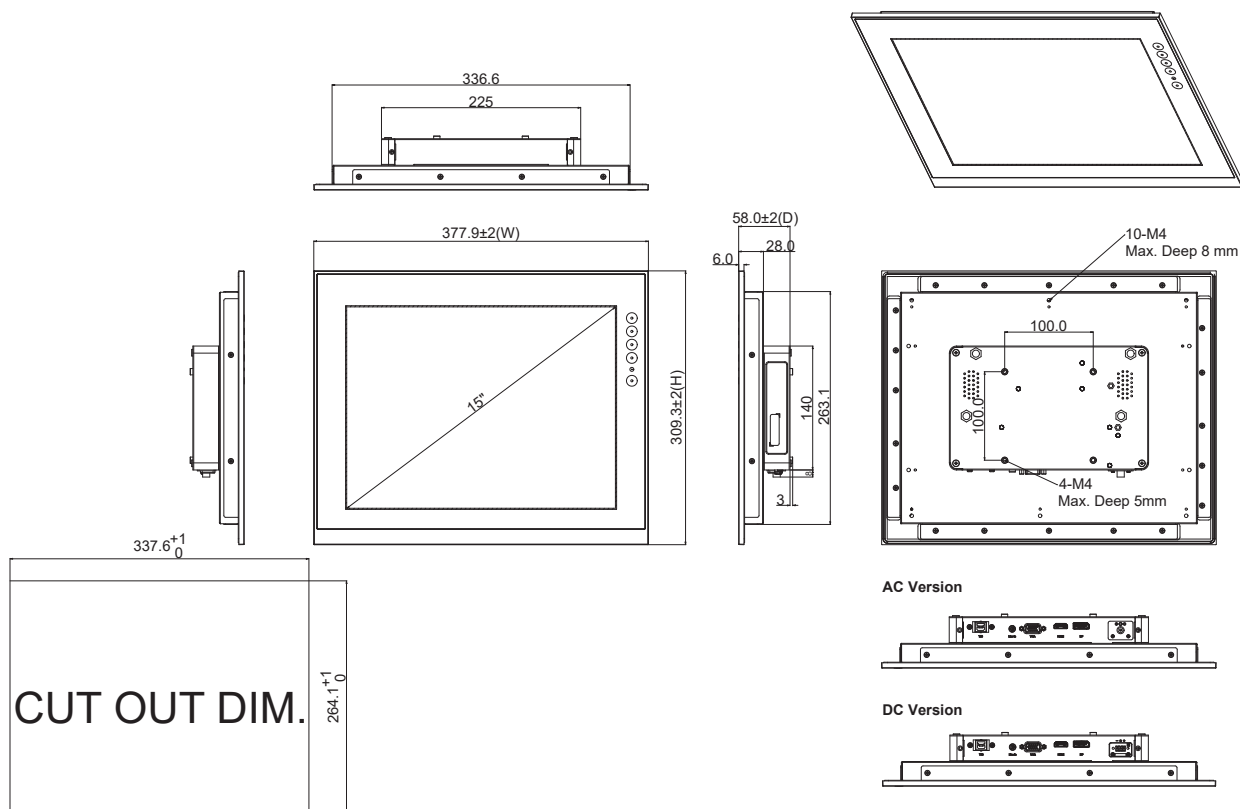
* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

59902000030E	US 1.8M power cord
59904000050E	UK 1.83M power cord
59903000080E	EU 1.83M power cord
5946L203800E	HDMI cable
59461713910E	DisplayPort cable
881261510A0E	Panel mount kit
881231770A0E	Wall mount kit
E226171119	Desktop stand

Dimensions

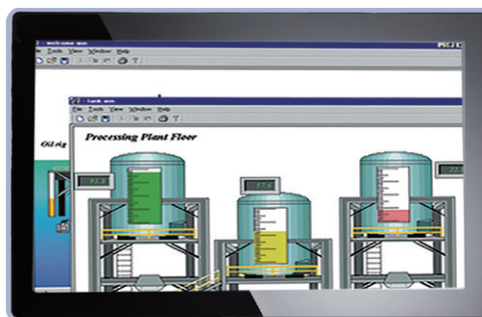


P6157W-V3 NEW

15.6" WXGA TFT Widescreen Industrial LCD Monitor

Features

- 15.6" WXGA TFT 400 nits LCD with projective capacitive multi-touch
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, and VESA mount
- Full range screw-type (locked) AC-in or 24VDC in (optional)
- VGA, HDMI and DisplayPort, with multi-signal inputs



Introduction

The P6157W-V3 is a slim-type industrial LCD monitor with flat front bezel design, which adopts 15.6-inch 400 nits WXGA LCD display and supports multi-signal interfaces including DisplayPort, VGA, and HDMI. Featuring IP65 (NEMA 4)-rated front bezel, screw-type adaptor plug design, and 12/24V DC-in, the 15.6-inch P6157W-V3 is designed to fit for all kinds of industrial environments. Moreover, the P6157W-V3 supports panel mount, wall mount or VESA FPMPI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, the P6157W-V3 can be deployed easily in any space-limited place. It is especially suitable for POI/POS, HMI, and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant and flat front bezel	
Mounting	Panel mount, wall mount, and VESA arm FPMPI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display	15.6" WXGA TFT LCD
	Max. Resolution	1366 x 768
	Max. Colors	16.7M
	Active Area (mm)	344.232 x 193.536
	Pixel Pitch (mm)	0.252 x 0.252
	Response Time	8ms
	Backlight	LED
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	170°/160°
	Contrast Ratio	500 (TYP.)
	Brightness (cd/m ²)	400 nits
Display Control	OSD (on screen display)	
Input Signal	VGA	
	HDMI	
	DisplayPort	
	Touchscreen: USB interface	

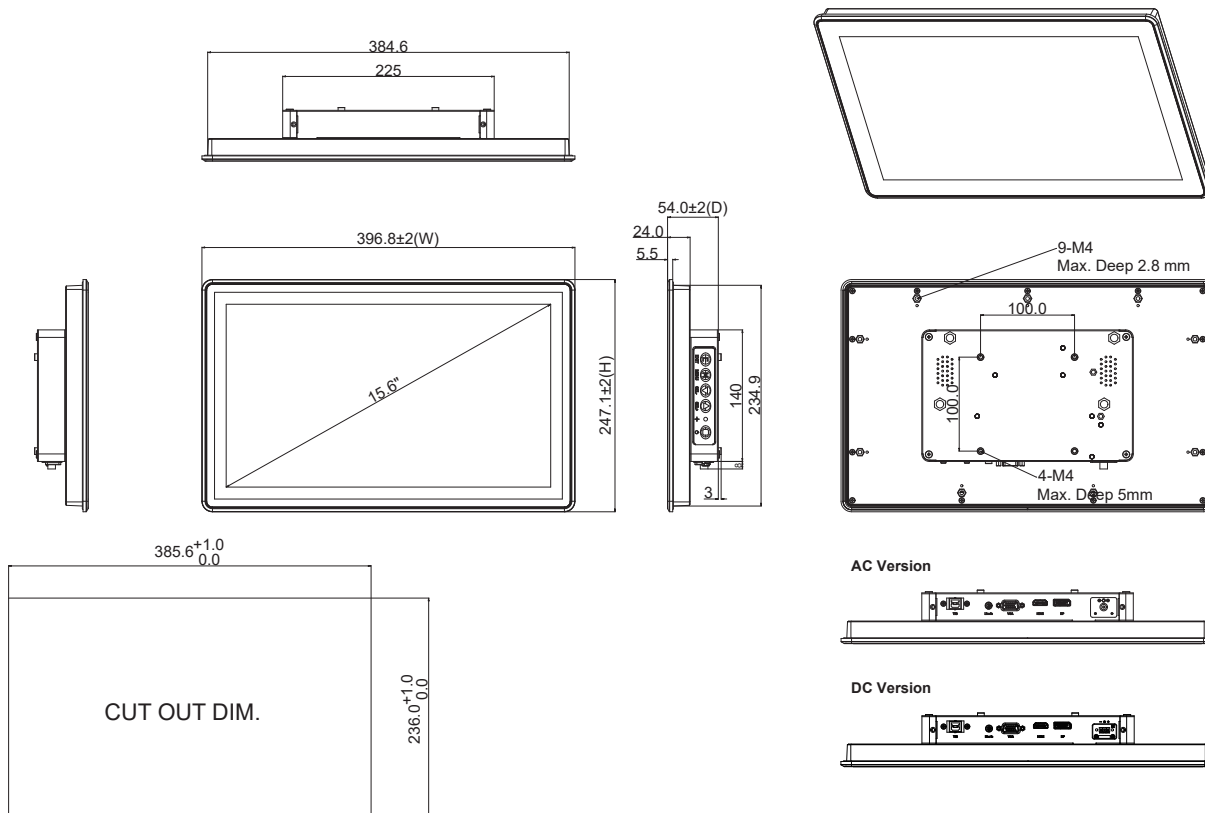
Specifications

I/O Connectors	1 x USB for touchscreen version 1 x Audio (Line-in) 1 x VGA 1 x DisplayPort 1 x HDMI 1 x Power input with screw type connector (AC version) 1 x Power input with terminal block (DC version)
Audio	2 x Speaker
Power Supply	AC version: 100 to 240 VAC-DC, 12V3A, 36W power adapter DC version: 24 VDC
Power Consumption	17W
Touchscreen	Projective capacitive multi-touch
Dimensions	396.8 mm (15.62") (W) x 54 mm (2.13") (D) x 247.1 mm (9.73") (H)
Packing Dimensions	535 mm (21.06") (W) x 196 mm (7.71") (D) x 485 mm (19.09") (H)
Weight (net/gross)	4.1 kg (9.1 lb)/6.1 kg (13.44 lb)
Operating temperature	0°C to +50°C (+32°F to +122°F)
Relative humidity	10% to 90% @ +40°C, non-condensing
Certifications	CE

Packing List

1 x P6157W-V3 unit
1 x VGA cable
1 x USB cable for touch
1 x Audio cable
1 x Adapter (AC version only)
1 x 3-pin Terminal block (DC version only)

Dimensions



Ordering Information

P6157W-V3	
P6157WPC-AC-U-V3 (P/N: E226157127)	15.6" industrial monitor with capacitive touch screen and AC version
P6157WPC-DC-U-V3 (P/N: E226157129)	15.6" industrial monitor with capacitive touch screen and DC version

* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

59902000030E	US 1.8M power cord
59904000050E	EK 1.83M power cord
59903000080E	EU 1.83M power cord
5946L203800E	HDMI cable
59461713910E	DisplayPort cable
881261570A0E	Panel mount kit
881231770A0E	Wall mount kit
E221177116	Desktop stand for 15.6" to 21.5"

P6171-V3 NEW

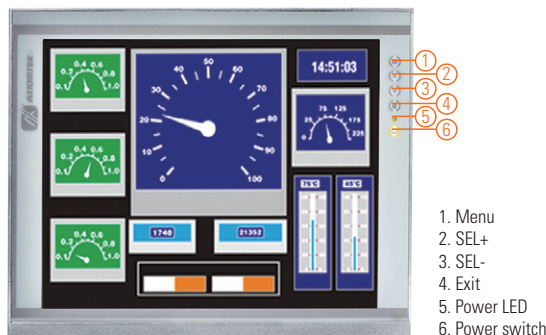
17" SXGA TFT Industrial LCD Monitor

Features

- 17" SXGA TFT LED backlight LCD
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, rack mount, and VESA arm
- Resistive touchscreen
- Full range screw-type (locked) AC-in or 24VDC in (optional)
- HDMI, DisplayPort, and VGA with multi-signal inputs



▲ Ultra-slim mechanism design



Introduction

The P6171-V3 is an ultra slim industrial LCD monitor, which adopts 17-inch 250 nits SXGA LED backlight LCD display and supports multi-signal interfaces including VGA, DisplayPort, and HDMI. Featuring NEMA 4/12 and IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-in means it is fit for all kinds of industrial environments. Moreover, the P6171-V3 supports panel mount, wall mount, rack mount or VESA FPMPI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI, and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant and metal front bezel	
Mounting	Panel mount, wall mount, rack mount or VESA arm FPMPI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display	17" SXGA TFT LCD
	Max. Resolution	1280 x 1024
	Max. Colors	16.2M
	Active Area (mm)	337.92 x 270.33
	Pixel Pitch (mm)	0.264 x 0.264
	Response Time	5ms
	Backlight	LED backlight
	Backlight MTBF	30,000 hrs
	Viewing Angle (H/V)	170°/160°
	Contrast Ratio	1000 (TYP.)
	Brightness (cd/m ²)	250 nits
Display Control	OSD (on screen display)	
Input Signal	DisplayPort	
	VGA	
	HDMI	
	Touchscreen: USB interface	

Specifications

I/O Connectors	1 x USB for touchscreen version 1 x Audio (Line-in) 1 x VGA 1 x DisplayPort 1 x HDMI 1 x Power input with screw type connector (AC version) 1 x Power input with terminal block (DC version)
Audio	2 x Speaker
Power Supply	AC version: 100 - 240 VAC-DC 12V3A, 36W power adapter DC version: 24 VDC
Power Consumption	19W
Touchscreen	5-wire resistive touch
Dimensions	410 mm (16.15") (W) x 58 mm (2.28") (D) x 338.3 mm (13.32") (H)
Packing Dimensions	520 mm (20.47") (W) x 196 mm (7.71") (D) x 547 mm (21.53") (H)
Weight (net/gross)	4.45 kg (9.82 lb)/6.71 kg (14.8 lb)
Operating Temperature	0°C to +45°C (+32°F to +113°F)
Relative Humidity	10% to 90% @ +40°C, non-condensing
Certifications	CE

Packing List

1 x P6171-V3 unit
1 x VGA cable
1 x USB cable for touch
1 x Adaptor (for AC version only)
1 x Audio cable
1 x 3-pin Terminal block (DC version only)

Ordering Information

P6171PR-AC-U-V3 (P/N: E226171122)	17" industrial resistive touch screen, AC version, and USB interface
P6171PR-DC-U-V3 (P/N: E226171123)	17" industrial resistive touch screen, DC version, and USB interface

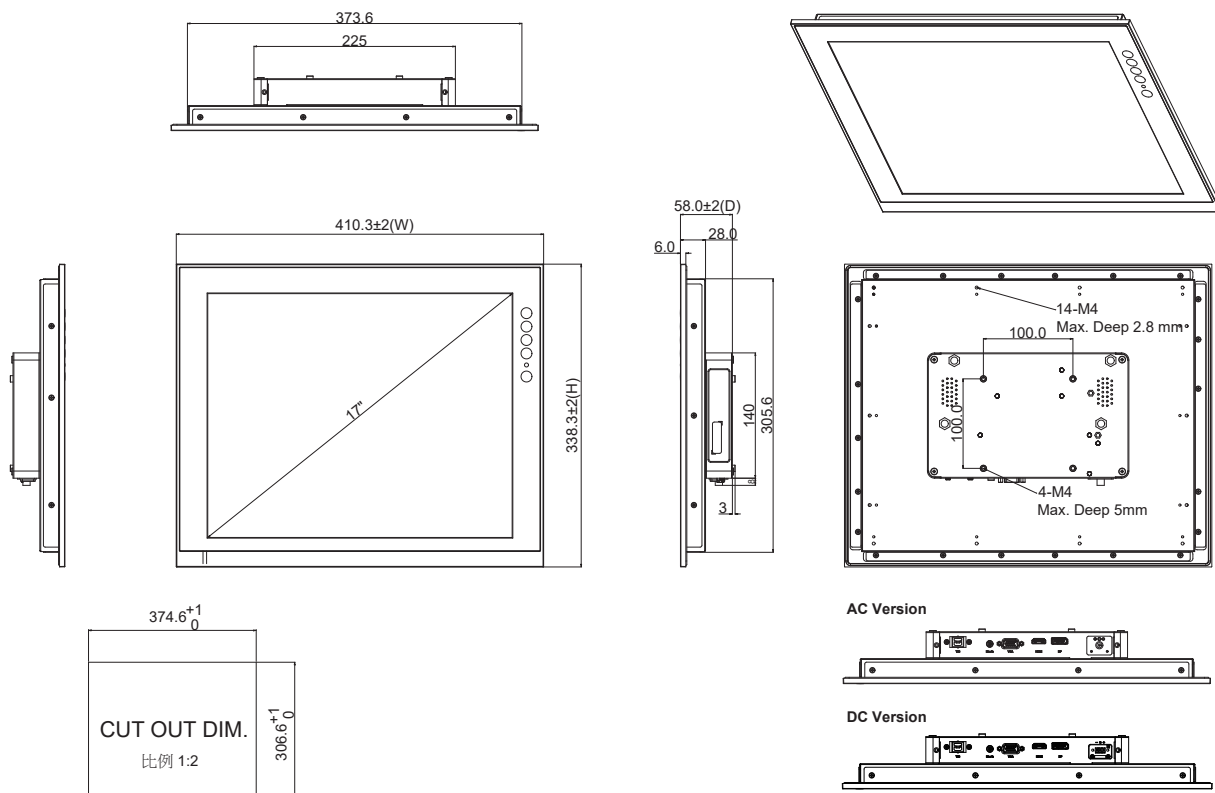
* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

59902000030E	US 1.8M power cord
59904000050E	EK 1.83M power cord
59903000080E	EU 1.83M power cord
5946L203800E	HDMI cable
59461713910E	DisplayPort cable
881231770A0E	Wall mount kit
881261711A0E	Panel mount kit
881261710A0E	Rack mount kit
E221177116	Desktop stand for 15.6" to 21.5"

Dimensions

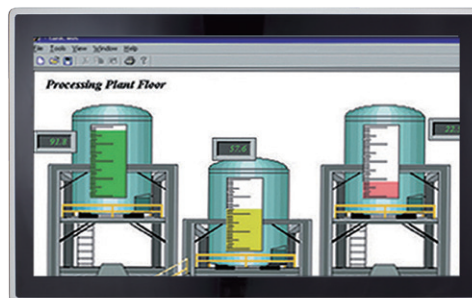


P6187W-V3 NEW

18.5" WXGA TFT Widescreen Industrial LCD Monitor

Features

- 18.5" WXGA TFT 450 nits with projective capacitive multi-touch
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, and VESA mount
- 24 VDC power input
- VGA, HDMI and DisplayPort, with multi-signal inputs



1. USB touch interface
2. Audio (Line-in)
3. VGA
4. HDMI
5. DisplayPort
6. 24 VDC power input

Introduction

The P6187W-V3 is a slim-type industrial LCD monitor with flat front bezel design, which adopts 18.5-inch 450 nits full HD LCD display and supports multi-signal interfaces including DisplayPort, VGA, and HDMI. Featuring IP65 (NEMA 4)-rated front bezel, 24VDC power input, the 18.5-inch P6187W-V3 is designed to fit for all kinds of industrial environments. Moreover, the P6187W-V3 supports panel mount, wall mount or VESA FPM PMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, the P6187W-V3 can be deployed easily in any space-limited place. It is especially suitable for POI/POS, HMI, and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant and flat front bezel
Mounting	Panel mount, wall mount, and VESA arm FPM PMI mounting (video electronics standards association Flat Panel monitor physical mounting interface)
LCD Panel	Display 18.5" WXGA TFT LCD
	Max. Resolution 1366 x 768
	Max. Colors 16.7M
	Active Area (mm) 409.8 x 230.4
	Pixel Pitch (um) 300 x 300
	Response Time 5ms
	Backlight LED
	Backlight MTBF 50,000 hrs
	Viewing Angle (H/V) 170°/160°
Display Control	Contrast Ratio 1000 (TYP.)
	Brightness (cd/m ²) 450 nits
	OSD (on screen display)
	Input Signal
Input Signal	VGA
	HDMI
	DisplayPort
	Touchscreen: USB interface

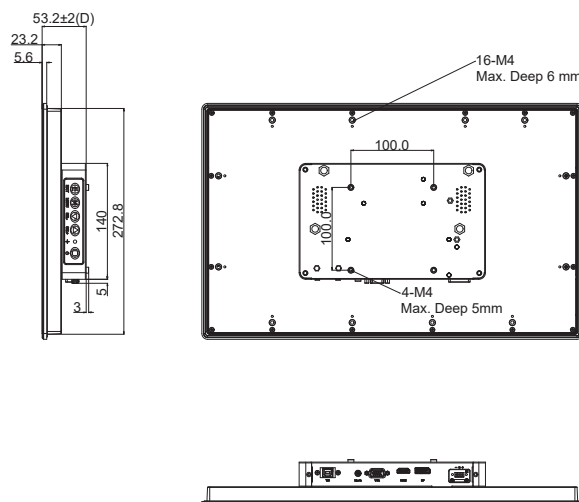
I/O Connectors	1 x USB for touchscreen version 1 x Audio (Line-in) 1 x VGA 1 x DisplayPort 1 x HDMI 1 x Power input with terminal block (DC version)
Audio	2 x Speaker
Power Supply	DC Version: 24VDC
Power Consumption	21W
Touchscreen	Projective capacitive multi-touch
Dimensions	460 mm (18.11") (W) x 53.2 mm (2.09") (D) x 285 mm (11.22") (H)
Packing Dimensions	605 mm (23.81") (W) x 200 mm (7.87") (D) x 505 mm (19.88") (H)
Weight (net/gross)	7.56 kg (16.67 lb)/ 8.92 kg (19.67 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)
Relative Humidity	10% to 90% @ +40°C, non-condensing
Certifications	CE

- 1 x P6187W-V3 unit
- 1 x VGA cable
- 1 x USB cable for touch
- 1 x Audio cable
- 1 x 3-pin Terminal block (DC version only)

[illegible]

P6187W	
P6187WPC-DC-U-V3 (P/N: E2Z6187111)	18.5" industrial monitor with capacitive touch screen and DC version
* Other configuration by request	
* Specification and certifications may vary based on different requirements	

50906D24000E	Adaptor 24V/120W,wire only
59902000030E	US 1.8M power cord
59904000050E	EK 1.83M power cord
59903000080E	EU 1.83M power cord
59461203800E	HDMI cable
59461713910E	DisplayPort cable
881262170A0E	Panel mount kit
881231770A0E	Wall mount kit
E221177116	Desktop stand for 15.6" to 21.5"



P6191-V3

NEW

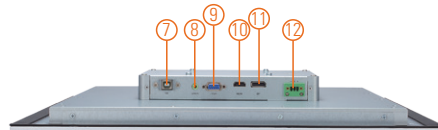
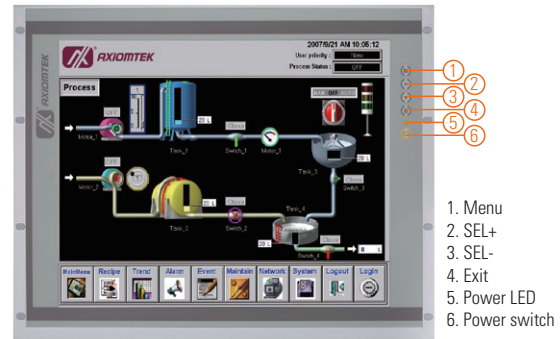
19" SXGA TFT Industrial LCD Monitor

Features

- 19" SXGA TFT LED backlight LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel monitor
- Supports panel mount, wall mount, rack mount, and VESA arm
- Resistive touchscreen
- 24 VDC power input
- VGA, HDMI, and DisplayPort with multi-signal inputs



▲ Ultra-slim mechanism design



- 7. USB touch interface
- 8. Audio (Line-in)
- 9. VGA
- 10. HDMI
- 11. DisplayPort
- 12. 24 VDC power input

Introduction

The P6191-V3 is an ultra slim industrial LCD monitor, which adopts 19-inch 350 nits SXGA LED backlight LCD display and supports multi-signal interfaces including DisplayPort, VGA, and HDMI. Featuring NEMA 4/12 and IP65 compliant front bezel, 24 VDC power input. Moreover, the P6191-V3 supports panel mount, wall mount, rack mount or VESA FPMPI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI, and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant and metal front bezel
Mounting	Panel mount, wall mount, rack mount or VESA arm FPMPI mounting (video electronics standards association flat panel monitor physical mounting interface)
LCD Panel	Display 19" SXGA TFT LED
	Max. Resolution 1280 x 1024
	Max. Colors 16.7M
	Active Area (mm) 376.32 x 301.06
	Pixel Pitch (mm) 0.294 x 0.294
	Response Time 5ms
	Backlight LED backlight
	Backlight MTBF 30,000 hrs
	Viewing Angle (H/V) 170°/160°
	Contrast Ratio 1000 (TYP.)
	Brightness (cd/m ²) 250 nits
Display Control	OSD (on screen display)
Input Signal	DisplayPort
	VGA
	HDMI
	Touchscreen: USB interface

Specifications

I/O Connectors	1 x USB for touchscreen version 1 x Audio (Line-in) 1 x VGA 1 x DP 1 x HDMI 1 x Power input with terminal block (DC version)
Power Adapter	DC version: 24VDC
Power Consumption	17 W
Touchscreen	5-wire resistive touch
Dimensions	482 mm (18.98") (W) x 55 mm (2.17") (D) x 380 mm (14.96") (H)
Packing Dimensions	625 mm (24.6") (W) x 260 mm (10.23") (D) x 600 mm (23.6") (H)
Weight (net/gross)	6 kg (13.23 lb)/7.5 kg (16.53 lb)
Environment	Operating temperature: 0°C to +45°C (+32°F to +113°F) Relative humidity: 10% - 90% @ +40°C, non-condensing
Packing List	1 x P6191-V3 unit 1 x VGA cable 1 x USB cable for touchscreen (for touch version) 1 x Audio cable
Certificate	CE

Ordering Information

P6191PR-DC-U-V3 (P/N: E226191115)	19" industrial resistive touch screen, DC version, and USB interface
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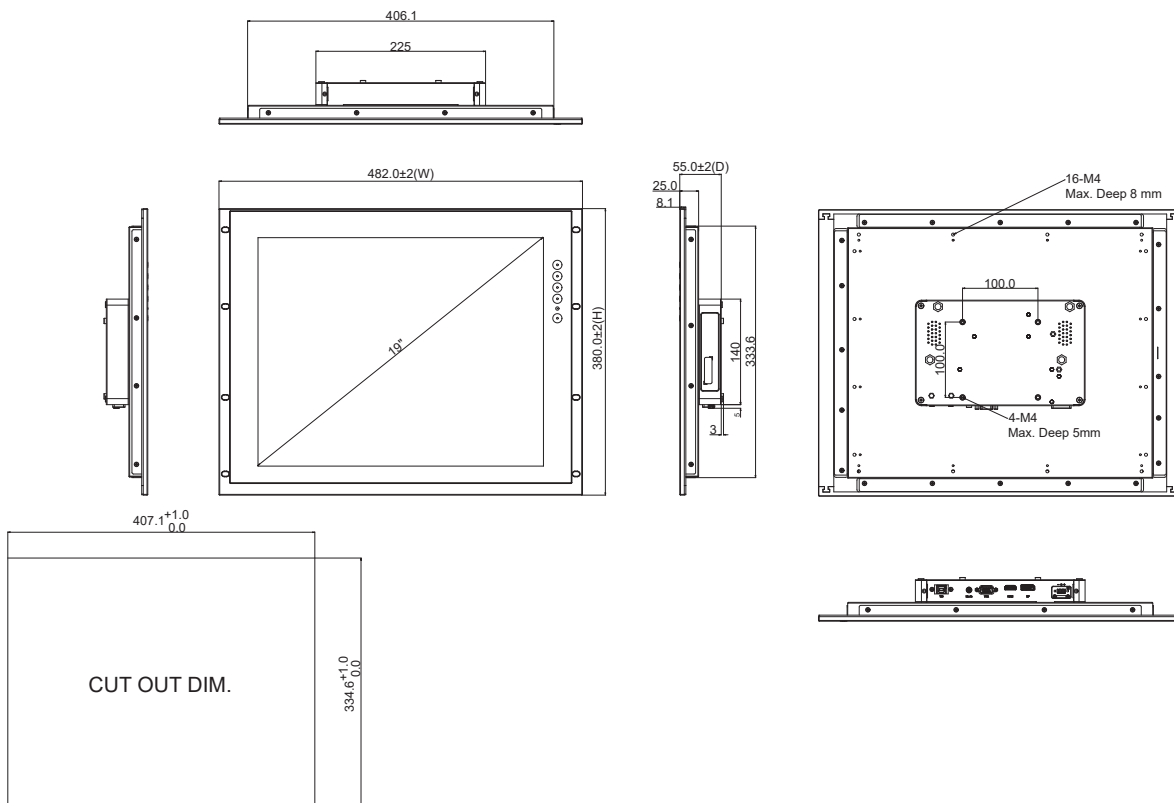
* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

50906D24000E	Adaptor 24V/120W, wire only
59902000030E	US 1.8M power cord
59904000050E	EK 1.83M power cord
59903000080E	EU 1.83M power cord
5946L203800E	HDMI cable
59461713910E	DisplayPort cable
881261910A0E	Panel mount kit
881231770A0E	Wall mount kit
E221177116	Desktop stand

Dimensions

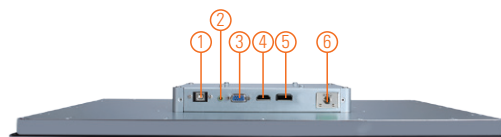
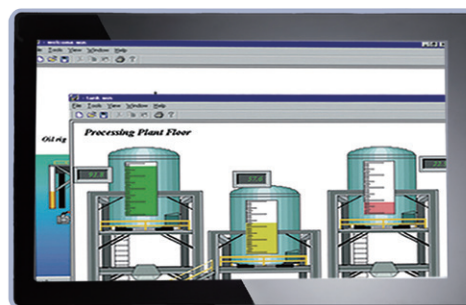


P6217W-V3 NEW

21.5" FHD TFT Widescreen Industrial LCD Monitor

Features

- 21.5" FHD TFT 250 nits with projective capacitive multi-touch
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, and VESA mount
- Full range screw-type (locked) AC-in or 24 VDC in (optional)
- VGA, HDMI, and DisplayPort with multi-signal inputs



1. USB for touch
2. Audio (Line-in)
3. VGA
4. HDMI
5. DisplayPort
6. Power input Terminal block or Screw type

Introduction

The P6217W-V3 is a slim-type industrial LCD monitor with flat front bezel design, which adopts 21.5-inch 250 nits full HD LCD display and supports multi-signal interfaces including DisplayPort, VGA, and HDMI. Featuring IP65 (NEMA 4)-rated front bezel, screw-type adaptor plug design, and 12/24V DC-in, the 21.5-inch P6217W-V3 is designed to fit for all kinds of industrial environments. Moreover, the P6217W-V3 supports panel mount, wall mount or VESA FPMPI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, the P6217W can be deployed easily in any space-limited place. It is especially suitable for POI/POS, HMI, and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant and flat front bezel
Mounting	Panel mount, wall mount and VESA arm FPMPI mounting (video electronics standards association Flat Panel monitor physical mounting interface)
LCD Panel	Display 21.5" FHD TFT LCD
	Max. Resolution 1920 x 1080
	Max. Colors 16.7M
	Active Area (mm) 476.064 x 267.786
	Pixel Pitch (um) 247.95 x 247.95
	Response Time 22ms
	Backlight LED
	Backlight MTBF 50,000 hrs
	Viewing Angle (H/V) 178°/178°
Display Control	Contrast Ratio 1000 (TYP.)
	Brightness (cd/m ²) 250 nits
	OSD (on screen display)
	VGA
	HDMI
Input Signal	DisplayPort
	Touchscreen: USB interface

Specifications

I/O Connectors	1 x USB for touchscreen version 1 x Audio (Line-in) 1 x VGA 1 x DisplayPort 1 x HDMI 1 x Power input with screw type connector (AC version) 1 x Power input with terminal block (DC version)
Audio	2 x Speaker
Power Supply	AC version: 100 to 240VAC-DC/36W power adapter DC version: 24VDC
Power Consumption	21W
Touchscreen	Projective capacitive multi-touch
Dimensions	547.6 mm (21.56") (W) x 52.6 mm (2.07") (D) x 339.1 mm (13.35") (H)
Packing Dimensions	720 mm (28.34") (W) x 215 mm (8.46") (D) x 555 mm (21.85") (H)
Weight (net/gross)	7.56 kg (16.67 lb)/ 8.92 kg (19.67 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)
Relative Humidity	10% to 90% @ +40°C, non-condensing
Certifications	CE

Packing List

1 x P6217W-V3 unit
1 x VGA cable
1 x USB cable for touch
1 x Audio cable
1 x Adapter (AC version only)
1 x 3-pin Terminal block (DC version only)

Ordering Information

P6217W	
P6217WPC-AC-U-V3 (P/N: E226217106)	21.5" industrial monitor with capacitive touch screen and AC version
P6217WPC-DC-U-V3 (P/N: E226217107)	21.5" industrial monitor with capacitive touch screen and DC version

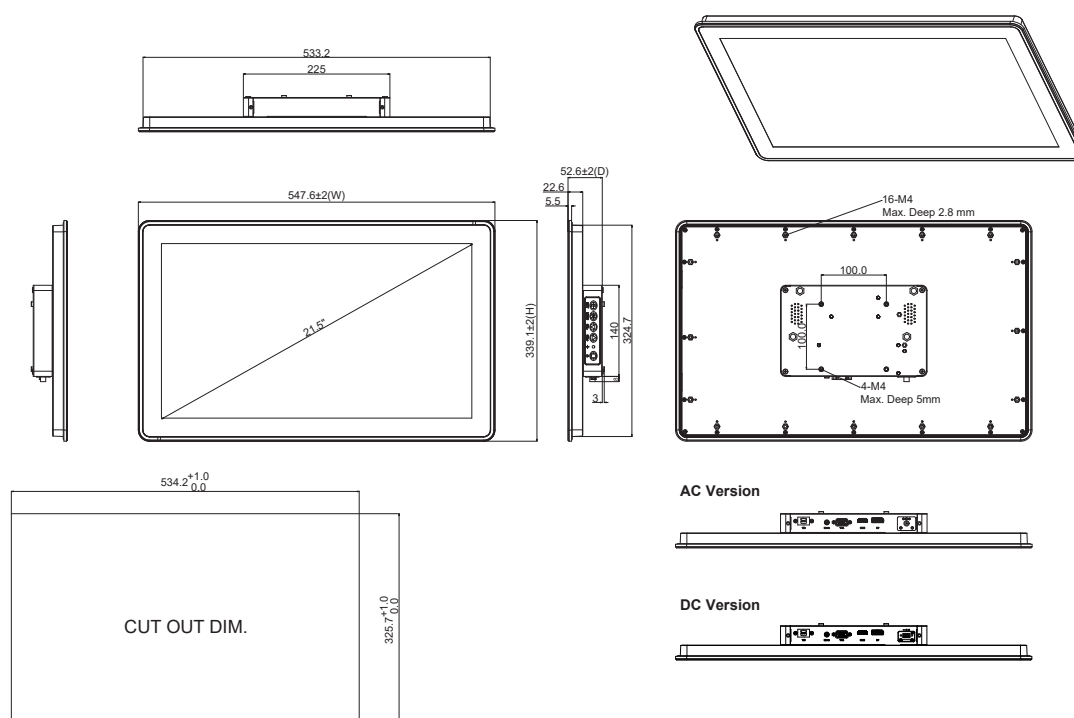
* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

59902000030E	US 1.8M power cord
59904000050E	EK 1.83M power cord
59903000080E	EU 1.83M power cord
5946L203800E	HDMI cable
59461713910E	DisplayPort cable
881262170A0E	Panel mount kit
881231770A0E	Wall mount kit
E221177116	Desktop stand for 15.6" to 21.5"


Dimensions



7

Transportation Touch Panel Computers & Monitors

The GOT700 series is designed as a train operator interface to inform the train driver about the status of the train's functions during operation. It complies with the EMC, shock, and vibration test requirements of the European standard EN 50155 for railway applications. The EN 50155 certified P700 series is designed specifically for transportation applications. The railway touchscreen monitor has an industrial-grade IP65/NEMA 4/12 compliant metal front bezel which resists water spillage and is specifically designed for railway sector. It could work perfectly for passenger information display, CCTV live view, fleet management, and many types of heavy transport equipment.

Selection Guide		95
GOT710S-837	EN 50155 S3 10.4" SVGA TFT LCD Railway Fanless Touchscreen Panel PC with Intel® Atom® E3845 1.91 GHz (-40°C to +70°C)	97
GOT712S-837	EN 50155 S3 12.1" XGA TFT LCD Railway Fanless Touchscreen Panel PC with Intel® Atom® E3845 1.91 GHz (-40°C to +70°C)	99
 P710	10.4" XGA TFT LCD Railway Touchscreen Monitor (-25°C to +55°C)	101
 P712	12.1" XGA TFT LCD Railway Touchscreen Monitor (-25°C to +55°C)	103

Industrial Panel PCs

Transportation Touch Panel Computers

Selection Guide



Features	Models	GOT710S-837	GOT712S-837
CPU Level		Intel® Atom® E3845 (1.91 GHz)	Intel® Atom® E3845 (1.91 GHz)
Chipset		SoC integrated	SoC integrated
System Memory		DDR3L 4GB onboard	DDR3L 4GB onboard
Display		10.4" SVGA TFT LCD, 1000 nits	12.1" XGA TFT LCD, 800 nits
I/O		2 x Isolated M12 A-coded RS- 232/422/485 (isolation level 1.5kV) 2 x Isolated M12 X-coded GbE (isolation level 1.5kV) 1 x M12 A-coded USB 2.0 (2-port signal) 1 x M12 A-coded DC-in 1 x DB15 audio line-in, mic-in, speaker-out or line-out 1 x Isolated terminal block DIO (6-in/2-out, isolation level 1.5kV) 1 x Isolated DB9 CANbus (isolation level 1.5kV)	2 x Isolated M12 A-coded RS- 232/422/485 (isolation level 1.5kV) 2 x Isolated M12 X-coded GbE (isolation level 1.5kV) 1 x M12 A-coded USB 2.0 (2-port signal) 1 x M12 A-coded DC-in 1 x DB15 audio line-in, mic-in, speaker-out or line-out 1 x Isolated terminal block DIO (6-in/2-out, isolation level 1.5kV) 1 x Isolated DB9 CANbus (isolation level 1.5kV)
Storage		16GB flash onboard 1 x mSATA (occupied 1 PCI Express Mini Card)	16GB flash onboard 1 x mSATA (occupied 1 PCI Express Mini Card)
Expansion Interface		2 x Full-size PCI Express Mini Card slot	2 x Full-size PCI Express Mini Card slot
Touchscreen		5-wire resistive touchscreen	5-wire resistive touchscreen
Operating System		Windows® 7, Windows® 8/8.1, Windows® 10, Windows® 10 IoT	Windows® 7, Windows® 8/8.1, Windows® 10, Windows® 10 IoT
Power Supply		24 to 110 VDC power input, EN 50155 Class S3 20ms power interruption protection	24 to 110 VDC power input, EN 50155 Class S3 20ms power interruption protection
Power Consumption		24-110V@1.4-0.29A	24-110V@1.7-0.32A
Watchdog Timer		255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.
Front Bezel		IP65-rated aluminum front bezel and IP40-rated rear protection	IP65-rated aluminum front bezel and IP40-rated rear protection
Dimensions (W x D x H)		310 x 61.5 x 214 mm (12.20" x 2.42" x 8.43")	330 x 61.5 x 245 mm (12.99" x 2.42" x 9.65")
Weight (net/gross)		2.6kg (5.73 lb)/4.4kg (9.7 lb)	2.95 kg (6.50 lb)/5.35 kg (11.79 lb)
Operating Temperature		-40°C to +70°C (-40°F to +158°F)	-40°C to +70°C (-40°F to +158°F)
Mounting		Suspension, Wall mount, and VESA mount	Suspension, Wall mount, and VESA mount
Certifications		CE, FCC Class A, EN 50155, EN 50121-3-2, EN 61373, and EN 45545-2 certified	CE, FCC Class A, EN 50155, EN 50121-3-2, EN 61373, and EN 45545-2 certified

Transportation Monitors

Selection Guide

NEW



NEW



Features\Models	P710	P712
Display Type	10.4" XGA TFT LCD	12.1" XGA TFT LCD
Max. Colors	16.2M	16.7M
Active Area (mm)	210.4 x 157.8	245.76 x 184.32
Max. Resolution	1024 x 768	1024 x 768
Pixel Pitch (H x V, mm)	0.0685 x 0.2055	0.24 x 0.24
Backlight	LED	LED
Backlight MTBF (hrs)	50,000	50,000
Viewing Angle (H/V)	176°/176°	178°/178°
Response Time	25ms	25ms
Contrast Ratio	1000 (TYP)	1000 (TYP)
Brightness (cd/m2)	500 nits	600 nits
Display Control	OSD	OSD
I/O Connectors	1 x M12 DC power input 1 x RS-232 for touch and remote control 1 x VGA 1 x HDMI 1 x DVI-D 1 x Line-in	1 x M12 DC power input 1 x RS-232 for touch and remote control 1 x VGA 1 x HDMI 1 x DVI-D 1 x Line-in
Touchscreen	5-wire resistive touchscreen	5-wire resistive touchscreen
Power Consumption	24 to 110V @ 0.6 to 0.13A	24 to 110V @ 0.99 to 0.19A
Power Supply	24 to 110 VDC power input	24 to 110 VDC power input
Dimensions (W x D x H)	310 x 49.2 x 214 mm (12.20" x 1.94" x 8.43")	330 x 50.2 x 245 mm (12.99" x 1.98" x 9.65")
Weight (net/gross)	1.85 kg (4.08 lb)/3.10 kg (6.84 lb)	2.30 kg (5.07 lb)/4.25 kg (9.38 lb)
Operating Temperature	-25°C to +55°C (-13°F to +131°F)	-25°C to +55°C (-13°F to +131°F)
Mounting	Suspension, Wall mount, and VESA mount	Suspension, Wall mount, and VESA mount
Certifications	CE, FCC, EN 50155, EN 50121-3-2, EN 61373, and EN 45545-2 certified	CE, FCC, EN 50155, EN 50121-3-2, EN 61373, and EN 45545-2 certified

Transportation
Touch Panel
Computers &
Monitors

1

2

3

4

5

6

7

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GOT710S-837

EN 50155 S3 10.4" SVGA TFT LCD Railway Fanless Touchscreen Panel PC with Intel® Atom® Processor E3845 1.91 GHz (-40°C to +70°C)

Features

- Sunlight readable 10.4" SVGA TFT LCD with a high brightness rating of 1000 nits
- Intel® Atom® processor E3845 1.91 GHz
- Alternative keypad control in the front bezel
- M12-type lockable connectors design
- Auto-dimming for different environments
- -40°C to +70°C wide temperature range
- Typical 24 to 110 VDC wide power input range and EN 50155 Class S3 20ms power interruption protection
- EN 50155 and EN 45545-2 certified for railway applications



▲ Side view



Introduction

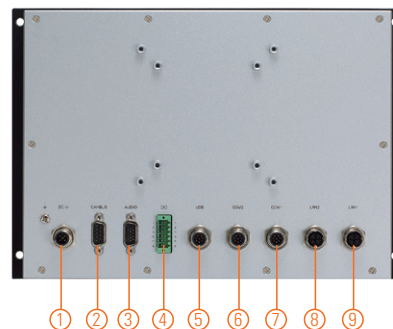
The EN 50155 certified GOT710S-837 is equipped with a 10.4-inch SVGA TFT LCD with high brightness LED backlight (1000 nits), which allows a train operator to easily read any operational status messages, even under direct sunlight. Design for ease of use and maintenance, this all-in-one 10.4" railway touchscreen panel PC also has an alternative keypad control on the front bezel for easy access and cleaning purposes. This feature-rich panel PC has an IP65-rated front bezel, M12 connectors, and is EN 50155 certified.

Wide Temperature (-40°C to +70°C)

The Intel® Atom®-based railway panel PC, GOT710S-837, applies unique extended temperature technology with wide temperature range support as well as fanless operation. It also has a high brightness TFT LCD display and compact design for transport heavy-duty environments.

Designed for Railway Application

The Axiomtek GOT710S-837 is particularly suitable for demanding HMI applications in the railway sector, including tasks like monitoring and controlling as speed, temperature, and security or for fleet management. To ensure the reliable operation in a variety of different locations, the 10.4-inch railway panel PC supports various mounting options such as wall mount, VESA mount, and suspension mount. Moreover, it is also ready for Windows® 10 IoT and Windows® 10, 8/8.1 and 7.



1. DC power input with isolation 1.5kV
2. CANbus with isolation 1.5kV
3. Audio (line-in, mic-in, speaker-out or line-out)
4. DIO (6-in/2-out with isolation 1.5kV)
5. 2 x USB 2.0
6. 1 x RS-232/422/485 with isolation 1.5kV
7. 1 x RS-232/422/485 with isolation 1.5kV
8. 1 x GbE with isolation 1.5kV
9. 1 x GbE with isolation 1.5kV

Specifications

Front Bezel	IP65-rated aluminum front bezel and IP40-rated rear protection	
LCD Panel	Display Type	10.4" TFT LCD
	Brightness (cd/m ²)	1000 nits
	Resolution	800 x 600
	Viewing Angle (H/V)	160°/160°
Main System	CPU	Intel® Atom® processor E3845 1.91 GHz (Bay Trail)
	Chipset	SoC integrated
	System Memory	DDR3L 4GB onboard
	BIOS	AMI
	Storage	16GB flash onboard 1 x mSATA
	Watchdog Timer	255 levels, 1 to 255 seconds
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	2 x Isolated M12 A-coded RS-232/422/485 (isolation level 1.5kV) 2 x Isolated M12 X-coded GbE (isolation level 1.5kV) 1 x M12 A-coded USB 2.0 (2 port signal) 1 x M12 A-coded DC-in 1 x DB15 audio line-in, mic-in, speaker-out or line-out 1 x Isolated terminal block DIO (6-in/2-out, isolation level 1.5kV) 1 x Isolated DB9 CANbus (isolation level 1.5kV)
Expansion Interface	2 x PCI Express Mini Card slot
Touchscreen	5-wire resistive touchscreen with or without keyboard
Power Supply	Typical 24 to 110 VDC EN 50155 Class S3 20ms power interruption protection
Power Consumption	24-110V@1.4-0.29A
Dimensions	310 mm (12.20") (W) x 61.5 mm (2.42") (D) x 214 mm (8.43") (H) (Excluding connectors and fixation dimensions, please refer to the following drawing to get more details)
Packing Dimensions	392 mm (15.43") (W) x 195 mm (7.68") (D) x 447 mm (17.60") (H)
Weight (net/gross)	2.6kg (5.73lb)/4.4kg (9.7lb)
Operating Temperature	-40°C to +70°C (-40°F to +158°F)
Relative Humidity	10% - 95% @ +40°C, non-condensing
Certifications	CE/FCC Class A, EN 50155, EN 50121-3-2, EN 61373, EN 45545-2, UL612 (keypads) complied

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Packing List

1 x GOT710S-837 unit
1 x Phoenix connector

Optional EOS Installation

WES 7
Windows® 10 (IoT)

Ordering Information

24 to 110 VDC Power Input

GOT710S-837-R-E3845-24-110VDC (P/N: E22B710110)	10.4" SVGA railway fanless touchscreen panel PC with Intel® Atom® E3845, sunlight readable LCD (1000 nits), 5-wire resistive touchscreen, 24 to 110 VDC power input, and EN 50155 Class S3 20ms power interruption protection
GOT710S-837-R-E3845-24-110VDC with keypad (P/N: E22B710111)	10.4" SVGA railway fanless touchscreen panel PC with Intel® Atom® E3845, sunlight readable LCD (1000 nits), 5-wire resistive touchscreen, 24 to 110 VDC power input, and EN 50155 Class S3 20ms power interruption protection and keypad

*Specifications and certifications may vary based on different requirements.

Optional Accessories

822B7100140E	GOT710 3G+GPS kit
8812B7100A0E	GOT710 Wi-Fi kit
594B8122820E	M12 A-coded USB cable
594B7102100E	RS-232 cable
594B7102700E	M12 X-coded LAN cable
594B7100B00E	M12 DC-in power cable with ACC signal, length 1.8M

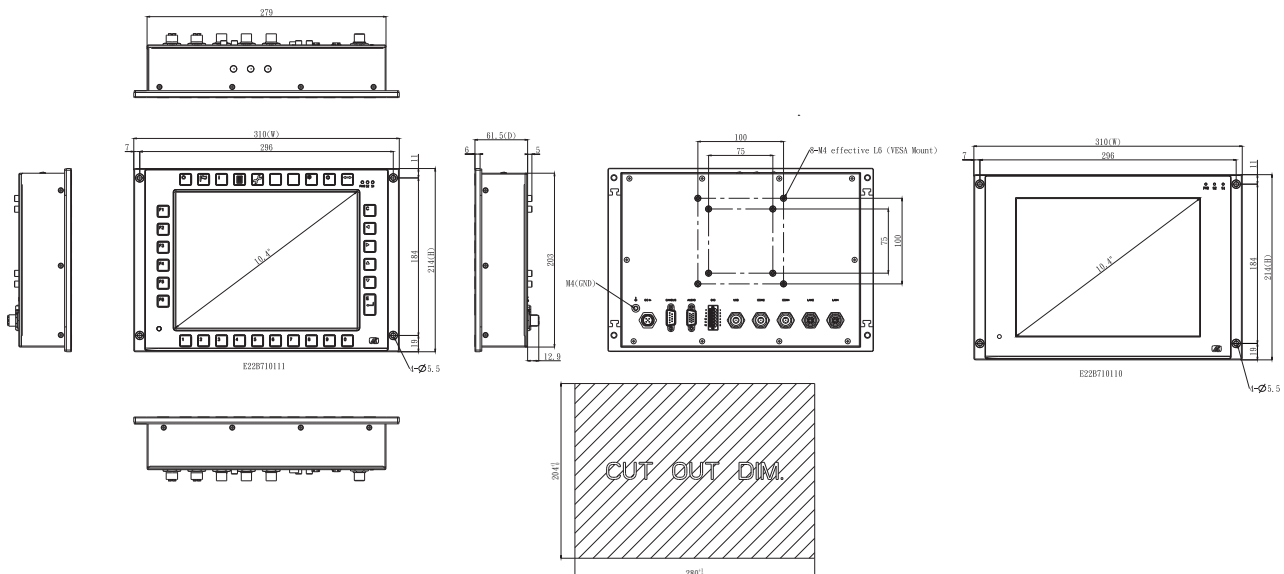
Optional OS Installation

Windows® 7
Windows® 8/8.1
Windows® 10
Windows® 10 IoT



▲ Touch without keypad version

Dimensions



GOT712S-837

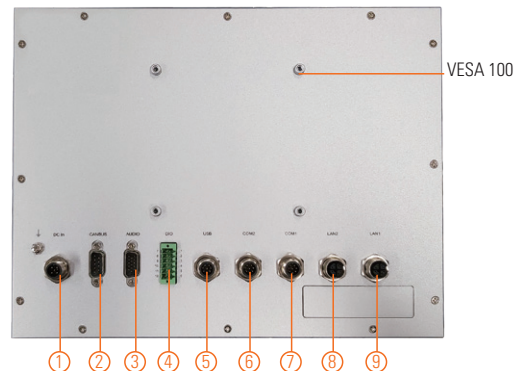
EN 50155 S3 12.1" XGA TFT LCD Railway Fanless Touchscreen Panel PC with Intel® Atom® Processor E3845 1.91 GHz (-40°C to +70°C)

Features

- Sunlight readable 12.1" XGA TFT LCD with a high brightness rating of 800 nits
- Fanless with Intel® Atom® processor E3845 1.91 GHz
- All lockable connectors design
- Auto-dimming for different environments
- -40°C to +70°C wide temperature range
- Typical 24 to 110 VDC wide power input range, and EN 50155 Class S3 20ms power interruption protection
- EN 50155 and EN 45545-2 certified for railway applications



▲ Side view



1. DC power input
2. CANbus with isolation 1.5kV
3. Audio (line-in, mic-in, speaker-out or line-out)
4. DIO (6-in/2-out with isolation 1.5kV)
5. 2 x USB 2.0
6. 1 x RS-232/422/485 with isolation 1.5kV
7. 1 x RS-232/422/485 with isolation 1.5kV
8. 1 x GbE with isolation 1.5kV
9. 1 x GbE with isolation 1.5kV



Introduction

The EN 50155 railway touchscreen panel PC, GOT712S-837, is equipped with a 12.1-inch XGA TFT LCD with high brightness LED backlight (800 nits), which allows a train operator to easily read any operational status messages, even under direct sunlight. Designed for railway application, this all-in-one 12.1" touch panel PC supports various power input from 24 to 110 VDC. This feature-rich panel PC has an IP65-rated front bezel, M12 connectors and EN 50155 certified.

Wide Temperature (-40°C to +70°C)

The Intel® Atom®-based railway panel PC, GOT712S-837, applies unique extended temperature technology with wide temperature range support as well as fanless operation. It also has a high brightness display and compact design for transport heavyduty environment.

Designed for Railway Application

The GOT712S-837 is particularly suitable for demanding HMI applications in the railway sector, including tasks like monitoring and controlling speed, temperature, and security, or for fleet management. To ensure the reliable operation in a variety of different locations, the 12.1-inch railway panel PC supports various mounting options such as wall mount, VESA mount, and suspension mount. Moreover, it is also ready for Windows® 10 IoT and Windows® 10, 8/8.1 and 7.

Specifications

Front Bezel	IP65-rated aluminum front bezel and IP40-rated rear protection	
LCD Panel	Display Type	12.1" TFT LCD
	Brightness (cd/m ²)	800 nits
	Resolution	1024 x 768
	Viewing Angle (H/V)	160°/160°
Main System	CPU	Intel® Atom® processor E3845 1.91 GHz (Bay Trail)
	Chipset	SoC integrated
	System Memory	DDR3L 4GB onboard
	BIOS	AMI
	Storage	16GB flash onboard 1 x mSATA
	Watchdog Timer	255 levels, 1 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	2 x Isolated M12 A-coded RS-232/422/485 (isolation level 1.5kV) 2 x Isolated M12 X-coded GbE (isolation level 1.5kV) 1 x M12 A-coded USB 2.0 (2 port signal) 1 x M12 A-coded DC-in 1 x DB15 audio line-in, mic-in, speaker-out or line-out 1 x Isolated terminal block DIO (6-in/2-out, isolation level 1.5kV) 1 x Isolated DB9 CANbus (isolation level 1.5kV)
Expansion Interface	2 x PCI Express Mini Card slot
Touchscreen	5-wire resistive touchscreen
Power Supply	Typical 24 to 110 VDC EN 50155 S3 20ms power interruption protection
Power Consumption	24-110VDC@1.7-0.32A
Dimensions	330 mm (12.99") (W) x 61.5 mm (2.42") (D) x 245 mm (9.65") (H)
Packing Dimensions	520 mm (20.47") (W) x 196 mm (7.72") (D) x 552 mm (21.73") (H)
Weight (net/gross)	2.95 kg (6.50 lb)/5.35 kg (11.79 lb)
Operating Temperature	-40°C to +70°C (-40°F to +158°F)
Relative Humidity	10% - 95% @ +40°C, non-condensing
Certifications	CE/FCC Class A, EN 50155, EN 50121-3-2, EN 61373, EN 45545-2

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Packing List

1 x GOT712S-837 unit
1 x Phoenix connector

Ordering Information

GOT712S-837-R-E3845-24-	12" XGA railway fanless touch panel computer with Intel® 110VDC Atom® E3845, sunlight readable LCD (800 nits), 5-wire resistive touchscreen, 24 to 110 VDC power input, and S3 20ms power interruption protection
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*Specifications and certifications may vary based on different requirements.

Optional Accessories

822B7100140E	GOT712 3G+GPS kit
8812B7100A0E	GOT712 Wi-Fi kit
594B8122820E	M12 A-coded USB cable
594B7102100E	RS-232 cable
594B7102700E	M12 X-coded LAN cable
594B7100B00E	M12 DC-in power cable with ACC signal, length 1.8M

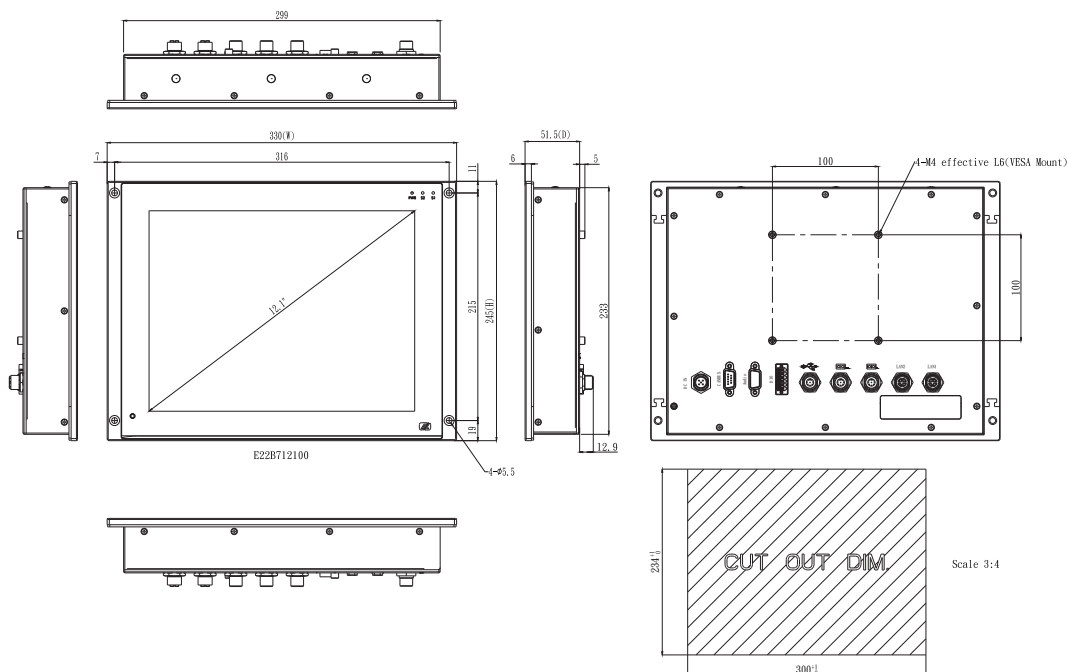
Optional EOS Installation

WES 7
Windows® 10 (IoT)

Optional OS Installation

Windows® 7
Windows® 8/8.1
Windows® 10
Windows® 10 IoT

Dimensions



P710 NEW

10.4" XGA TFT LCD Railway Touchscreen Monitor (-25°C to +55°C)

Features

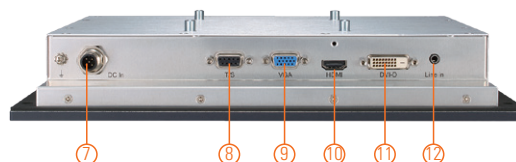
- EN 50155 and EN 45545 certified railway monitor
- 10.4" high brightness XGA TFT touchscreen LCD
- Wide viewing angle and a high brightness of 500 nits
- Supports VGA, DVI-D, and HDMI
- Light sensor for auto-dimming
- Typical 24 to 110 VDC wide power input range
- -25°C to +55°C wide temperature range
- Supports 5 OSD keys on the front bezel



▲ Side view



13



- 7. DC power input
- 8. 1 x RS-232 (touch & remote control)
- 9. 1 x VGA
- 10. 1 x HDMI
- 11. 1 x DVI-D
- 12. 1 x Line-in
- 13. Speaker

Introduction

The EN 50155 certified railway touchscreen monitor P710 adopts a 10.4-inch XGA TFT LCD with 500 nits brightness and a 5-wire resistive touchscreen with IP65-rated aluminum front bezel to provide water-proof and user friendly control interface.

Wide Temperature (-25°C to +55°C)

The 10.4-inch railway touchscreen monitor adopts extended temperature technology with a wide range from -25°C to +55°C. Its fanless cooling system and compact designs are suited for rolling stock applications as well as other harsh environments.

500 nits High Brightness with Wide Viewing Angle

The railway-grade P710 adopts a high brightness 500 nits 10.4-inch LCD with sunlight readable technology. The screen is legible even under strong sunlight. Additionally, with its wide viewing angle feature, users won't miss any information.

Anti-vibration for Railway

With the anti-vibration design and EN 50155 and EN 61373 Cat. 1 Class B complied the rugged 10.4" railway touchscreen monitor can work perfectly on a train.

Specifications

Front Bezel	IP65-rated aluminum front bezel and IP40-rated rear protection	
LCD Panel	Display Type	10.4" TFT LCD
	Max. Resolution	1024 x 768
	Max. Colors	16.2M/262k
	Active Area (mm)	210.4 (H) x 157.8 (V)
	Pixel Pitch (mm)	0.0685 (H) x 0.2055 (V)
	Response Time	25ms
	Backlight	LED
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	176°/176°
	Contrast Ratio	1000 (TYP.)
	Brightness (cd/m ²)	500 nits
Display Control	OSD (on screen display)	
Input Signal	VGA	
	HDMI	
	DVI-D	
	Line-in	
	Multi-function of T/S & remote control	

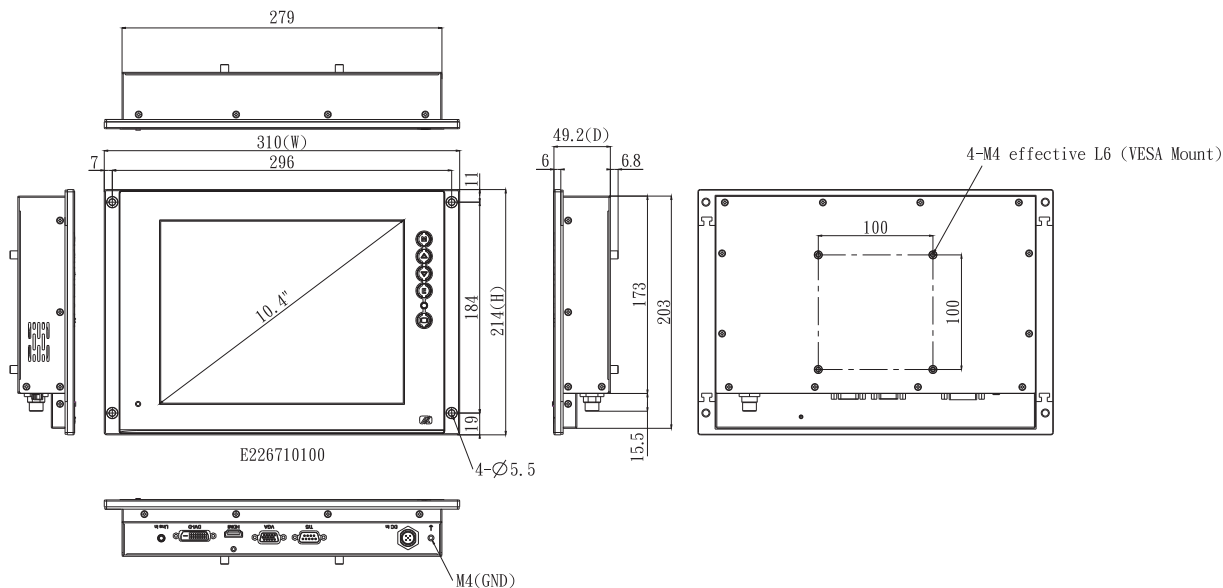
Specifications

I/O Connectors	1 x M12 A-coded Male 5-pin DC-in 1 x Multi-function of T/S & remote control 1 x DVI-D 1 x VGA 1 x HDMI 1 x Line-in
Power Supply	Typical 24 to 110 VDC
Power Consumption	24 to 110 VDC@0.6 to 0.13A
Touchscreen	5-wire resistive touchscreen Transparency: 80% Durability: 35 million times Controller interface: RS-232
Dimensions	310 mm (12.20") (W) x 49.2 mm (1.94") (D) x 214 mm (8.43") (H)
Packing Dimensions	392 mm (15.44") (W) x 195 mm (7.68") (D) x 447 mm (17.60") (H)
Weight (net/gross)	1.85 kg (4.08 lb)/3.29 kg (7.26 lb)
Operating Temperature	-25°C to +55°C (-13°F to +131°F)
Relative Humidity	20% to 90% @ +40°C, non-condensing
Certifications	CE, FCC, EN 50155, EN 50121-3-2, EN 61373, and EN 45545-2 certified

Packing List

- 1 x P710 unit
- 1 x RS-232 cable (for resistive touch)
- 1 x HDMI bracket
- 1 x Cable tie
- 1 x Cable clamp
- 2 x Screw M3*5L

Dimensions



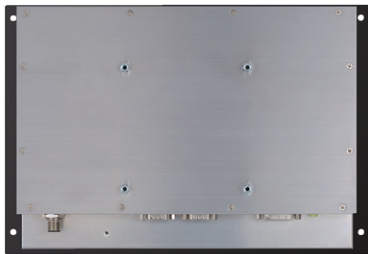
Ordering Information

P710-RS1-M (P/N: E226710100)	10.4" XGA LCD railway touchscreen monitor with 24 to 110 VDC power input
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*Specifications and certifications may vary based on different requirements.

Optional Accessories

594B8120B30E	DC in cable M12 female 5P 180cm w/o ACC
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▲ Rear view

P712 NEW

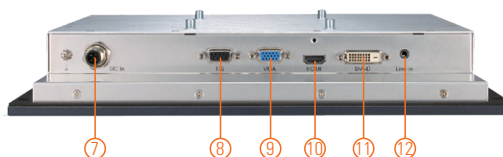
12.1" XGA TFT LCD Railway Touchscreen Monitor (-25°C to +55°C)

Features

- EN 50155 and EN 45545 certified railway monitor
- 12.1" high brightness XGA TFT touchscreen LCD
- Wide viewing angle and a high brightness of 600 nits
- Supports VGA, DVI-D, and HDMI
- Light sensor for auto-dimming
- Typical 24 to 110 VDC wide power input
- -25°C to +55°C wide temperature range
- Supports 5 OSD keys on the front bezel



1. Menu
2. SEL+
3. SEL-
4. Exit
5. Power LED
6. Power switch



7. DC power input
8. 1 x RS-232 (touch & remote control)
9. 1 x VGA
10. 1 x HDMI
11. 1 x DVI-D
12. 1 x Line-in
13. Speaker

Introduction

The EN 50155 certified railway touchscreen monitor P712 adopts a 12.1-inch XGA TFT LCD with 600 nits brightness and a 5-wire resistive touchscreen with IP65-rated aluminum front bezel to provide protection against liquid damage and user friendly control interface.

Wide Temperature (-25°C to +55°C)

The Axiomtek 12.1-inch railway touchscreen monitor supports a wide temperature range from -25°C to +55°C. Its fanless cooling system and compact designs are suited for rolling stock applications as well as other harsh environments.

600 nits High Brightness with Wide Viewing Angle

The railway-grade P712 adopts a high brightness of 600 nits 12.1-inch LCD with sunlight readable technology. The screen is legible even under strong sunlight. Additionally, with its wide viewing angle feature, users won't miss any information.

Anti-vibration for Railway

With the anti-vibration design and EN 50155 and EN 61373 Cat. 1 Class B complied, the rugged 12.1" railway touchscreen monitor can work perfectly on a train.

Specifications

Front Bezel	IP65-rated aluminum front bezel and IP40-rated rear protection	
LCD Panel	Display Type	12.1" TFT LCD
	Max. Resolution	1024 x 768
	Max. Colors	16.7M/262k
	Active Area (mm)	245.76 (H) x 184.32 (V)
	Pixel Pitch (mm)	0.24 (H) x 0.24 (V)
	Response Time	25ms
	Backlight	LED
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	178°/178°
Display Control	Contrast Ratio	1000 (TYP.)
	Brightness (cd/m²)	600 nits
Display Control	OSD (on screen display)	
Input Signal	VGA	
	HDMI	
	DVI-D	
	Line-in	
	Multi-function of T/S & remote control	

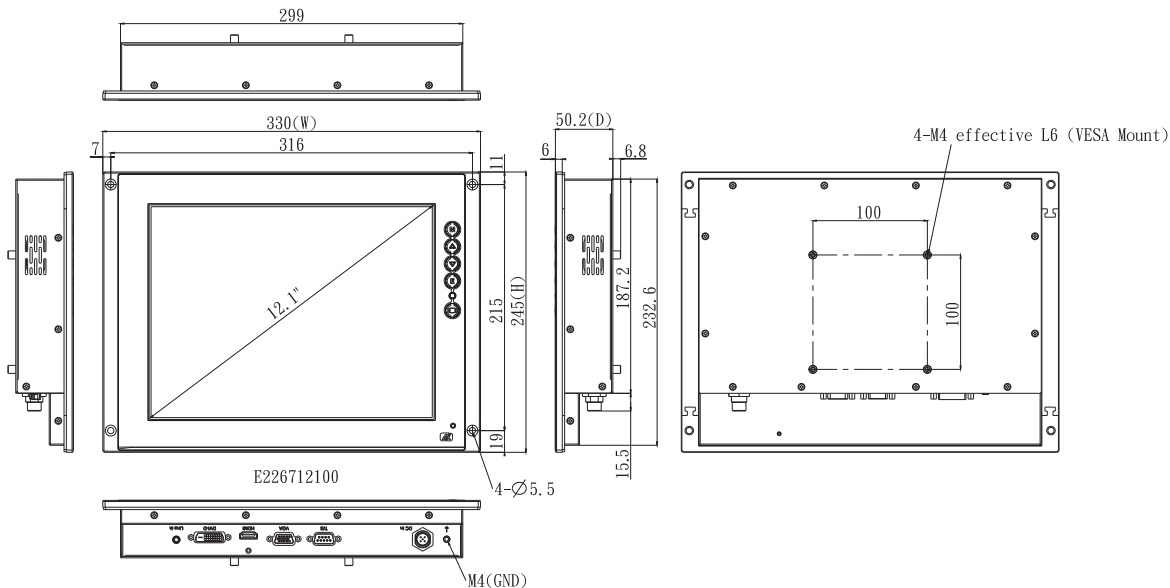
Specifications

I/O Connectors	1 x M12 A-coded Male 5-pin DC-in 1 x Multi-function of T/S & remote control 1 x DVI-D 1 x VGA 1 x HDMI 1 x Line-in
Power Supply	Typical 24 to 110 VDC
Power Consumption	24 to 110 VDC@0.88 to 0.19A
Touchscreen	5-wire resistive touchscreen Transparency: 80% Durability: 35 million times Controller interface: RS-232
Dimensions	330 mm (12.99") (W) x 50.2 mm (1.98") (D) x 245 mm (9.65") (H)
Packing Dimensions	520 mm (20.48") (W) x 196 mm (7.72") (D) x 552 mm (21.74") (H)
Weight (net/gross)	2.3 kg (5.07 lb)/4.36 kg (9.62 lb)
Operating Temperature	-25°C to +55°C (-13°F to +131°F)
Relative Humidity	20% to 90% @ +40°C, non-condensing
Certifications	CE, FCC, EN 50155, EN 50121-3-2, EN 61373, and EN 45545-2 certified

Packing List

- 1 x P712 unit
- 1 x RS-232 cable (for resistive touch)
- 1 x HDMI bracket
- 1 x Cable tie
- 1 x Cable clamp
- 2 x Screw M3*5L

Dimensions



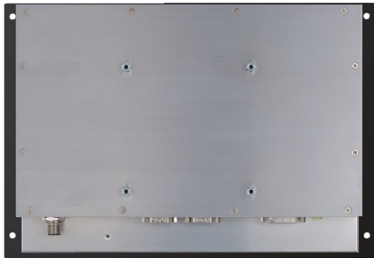
Ordering Information

P712-RS1-M (P/N: E226712100)	12.1" XGA LCD railway touchscreen monitor with 24 to 110 VDC power input
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*Specifications and certifications may vary based on different requirements.

Optional Accessories

594B8120B30E	DC in cable M12 female 5P 180cm w/o ACC
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▲ Raer view

Medical Panel Computers

The MPC products are specifically designed for medical image processing and medical measuring instruments. The MPC product line is EN 60601-1, CE, and FCC class B certified to ensure operational safety in challenging healthcare environment. It adopts an IP65-rated front bezel and IPX1-rated enclosure for system protection against dust/liquid spillage.

Selection Guide		106
MPC103-845	10.1" WXGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® N3060	108
MPC102-845	10.4" XGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® N3060	110
MPC152-845	15" XGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® N3060	112
MPC153-834	15.6" WXGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® J1900	114

Industrial Panel PCs

Medical Panel Computers

Selection Guide



Features/Models	MPC103-845	MPC102-845	MPC152-845
CPU Level	Intel® Celeron® N3060 (up to 2.48 GHz)	Intel® Celeron® N3060 (up to 2.48 GHz)	Intel® Celeron® N3060 (up to 2.48 GHz)
Chipset	SoC integrated	SoC integrated	SoC integrated
System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
Display	10.1" WXGA TFT, 350 nits	10.4" SVGA TFT, 350 nits	15" XGA TFT, 420 nits
I/O	1 x RS-232 1 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x Switch for power on/off 1 x AT/ATX selectable switch	1 x RS-232 1 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x Switch for power on/off 1 x AT/ATX selectable switch	1 x RS-232 1 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x Switch for power on/off 1 x AT/ATX selectable switch 1 x 8-bit DIO (programmable, DB9)
Storage	1 x 2.5" half slim SSD (AC type only) 1 x mSATA	1 x 2.5" HDD 1 x mSATA	1 x 2.5" HDD 1 x mSATA
Expansion Interface	2 x PCI Express Mini Card slot	2 x PCI Express Mini Card slot	2 x PCI Express Mini Card slot
Touchscreen	Projected capacitive multi-touch	5-wire flat Resistive Type	5-wire flat Resistive Type
Power Supply	AC version: 100 to 240 VAC-DC, 65W power adapter DC version: 9 to 36 VDC with over current protection fuse	AC version: 100 to 240 VAC-DC, 65W power adapter DC version: 9 to 36 VDC with over current protection fuse	AC version: 100 to 240 VAC-DC, 65W power adapter DC version: 9 to 36 VDC with over current protection fuse
Watchdog Timer	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.
Dimensions (W x D x H)	260.8 x 38 x 194.1 mm (10.27" x 1.5" x 7.65")	292.5 x 45.8 x 235.8 mm (1.52" x 1.8" x 9.28")	387.9 x 54.6 x 307.7 mm (15.27" x 2.14" x 12.11")
Weight (net/gross)	1.08 kg (2.38 lb)/2.18 kg (4.8 lb)	1.8 kg (3.96 lb)/3 kg (6.61 lb)	3.2 kg (7.05 lb)/5.1 kg (11.24 lb)
Operating Temperature	0° to +40°C (+32°F to +104°F)	0° to +40°C (+32°F to +104°F)	0° to +40°C (+32°F to +104°F)
Certifications	EN 60601-1 (ESD contact 8KV, air 15KV), CE, and FCC	EN 60601-1 (ESD contact 8KV, air 15KV), CE, and FCC	EN 60601-1 (ESD contact 8KV, air 15KV), CE, and FCC



Features\Models	MPC153-834
CPU Level	Intel® Celeron® J1900 (up to 2.42 GHz)
Chipset	SoC integrated
System Memory	1 x 204-pin DDR3L-1066/1333 SO-DIMM, up to 8GB
Display	15.6" WXGA TFT, 300 nits
I/O	2 x RS-232/422/485 1 x RS-232/422/485 (with isolated 4KV) 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 1 x Audio (Line-out)
Storage	1 x Half-slim SSD 1 x CFast™ or mSATA
Expansion Interface	2 x PCI Express Mini Card slot
Touchscreen	5-wire flat resistive type
Power Supply	AC version: 100 to 240 VAC-DC, 65W power adapter DC version: 9 to 36 VDC with over current protection fuse
Watchdog Timer	255 levels, 0 to 255 sec.
Dimensions (W x D x H)	394.2 x 57 x 257.2 mm (15.53" x 2.25" x 10.13")
Weight (net/gross)	3.0 kg (6.61 lb)/5.2 kg (11.46 lb)
Operating Temperature	0°C to +40°C (+32°F to +104°F)
Certifications	CE, EN 60601-1, and FCC classB

MPC103-845

10.1" WXGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® Processor N3060

Features

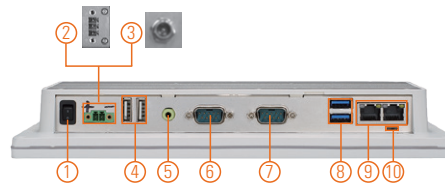
- 10.1" WXGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor N3060
- 2 GbE LAN, 4 USB, and 2 COM
- Plastic and IP65-rated front bezel
- Supports RFID (optional)
- External AT/ATX mode selection switch
- Easy access storage design
- Supports panel mount, wall mount, VESA arm, and desktop stand
- Adjustable RS-232/422/485 setting via BIOS
- 4th EN 60601-1, CE, and FCC



▲ Side view



1. Power LED
2. HDD LED
3. Brightness adjust +/-
4. Display on/off
5. Volume adjust
6. Mic-in (optional)



1. Power switch (ATX)
2. Terminal block for DC power input
3. Screw connector with AC power adapter
4. 2 x USB 2.0
5. Audio (Line-out)
6. 1 x RS-232/422/485
7. 1 x RS-232
8. 2 x USB 3.0
9. 2 x LAN
10. AT/ATX switch



Introduction

The MPC103-845 is a 10.1" fanless medical touch panel computer. It adopts a modern, super sleek, and fanless design and has a 10.1" TFT LCD. It is powered by the Intel® Celeron® processor N3060 dual core up to 2.48 GHz. For wireless network connection, the MPC103-845 offers 2 PCI Express Mini Card slots. By just plugging in the WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input: DC power with terminal block connector and AC power adapter with screw type connector.

Super Slim & Ultra Lightweight Design

With a thickness of 38 mm and weight of 1.08 kg, the MPC103-845 is designed for use in space-constrained environments.

Certifications

This 10.1-inch medical panel platform complies with 4th version of EN 60601-1, CE, and FCC Class B certifications to ensure medical operation safety.

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the MPC103-845 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	10.1" WXGA TFT LCD with LED backlight
	Brightness (cd/m ²)	350 nits
	Resolution	1280 x 800
	Viewing Angel (H/V)	170°/170°
Main System	CPU	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x Half-slim SATA SSD (only for MPC103-845-PCT-J) 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX

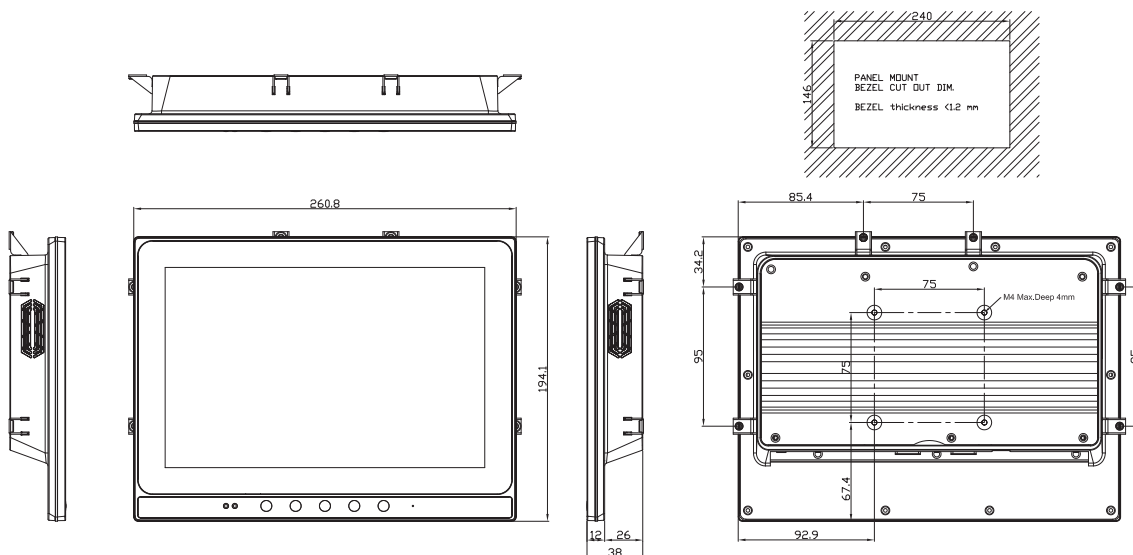
Specifications

I/O Connector	1 x RS-232 1 x RS-232/422/485 (default RS-232) 1 x Switch for power on/off 1 x AT/ATX mode selection switch 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)
Expansion Interface	1 x Full-size PCI Express Mini Card slot with mSATA 1 x Full-size PCI Express Mini Card slot with SIM
Touchscreen	Projected capacitive multi-touch
Power Supply	AC version: 100 to 240 VAC-DC, 65W power adapter DC version: 9 to 36 VDC with over current protection fuse
Power Consumption	40.32 W
Dimension	260.8 mm (10.27") (W) x 38 mm (1.50") (D) x 194.1 mm (7.65") (H)
Packing Dimensions	380 mm (14.96") (W) x 100 mm (3.94") (D) x 280 mm (11.02") (H)
Weight (net/gross)	1.08 kg (2.38 lb)/2.18 kg (4.8 lb)
Operating Temperature	0°C to +40°C (+32°F to +122°F)
Relative Humidity	20% to 90% @ +40°C; non-condensing
Operation Vibration	2G, 5 - 500Hz, random for SSD
Certifications	4th EN 60601-1 (ESD contact 8KV, air 15KV), CE, and FCC

Packing List

1 x MPC103-845
1 x Adapter (MPC103-845-J)
1 x Power cord (MPC103-845-J)
1 x Phoenix connector (MPC103-845 DC)

Dimensions



Ordering Information

Standard	
MPC103-845-J (P/N: E228103100)	10.1" WXGA fanless medical touch panel computer with Intel® Celeron® processor N3060, projected capacitive touch screen, AC-DC 65W power adapter (screw type connector), and EMI class B
MPC103-845-DC (P/N: E228103101)	10.1" WXGA fanless medical touch panel computer with Intel® Celeron® processor N3060, projected capacitive touch screen, and DC power input (terminal block connector)

* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

Wi-Fi + Bluetooth kit	
GOT5103W-845 half slim SSD kit SFP for GOT5103W-845-PCT-J	
881251030A0E	Panel mount kit
8812B1070A0E	Wall mount kit
881251203A0E	RFID kit
E226171119	Stand Kit

Optional EOS Installation

WES 7

WE8S (64-bit)

Optional OS Installation

Windows® 7

Windows® 8.1 (64-bit)

Windows® 10



▲ AC power adapter
(for MPC103-845-J)

MPC102-845

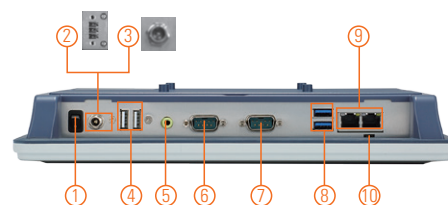
10.4" XGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® Processor N3060

Features

- 10.4" XGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor N3060
- 2 GbE LAN, 4 USB and 2 COM
- Plastic and IP65-rated front bezel
- Supports RFID (optional)
- External AT/ATX mode selection switch
- Easy access storage design
- Supports panel mount, wall mount, VESA arm, and desktop stand
- 4th EN 60601-1, CE, and FCC certified



▲ Side view



1. Power switch (ATX)
2. Terminal block for DC power input
3. Screw connector with AC power adapter
4. 2 x USB 2.0
5. Audio (Line-out)
6. 1 x RS-232/422/485
7. 1 x RS-232
8. 2 x USB 3.0
9. 2 x LAN
10. AT/ATX selectable switch
11. Touch on/off button



Introduction

The MPC102-845 is a 10.4" fanless medical touch panel computer. In response to market demand, this medical panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is powered by the Intel® Celeron® processor N3060 dual core up to 2.48 GHz. For wireless network connection, the MPC102-845 offers 2 PCI Express Mini Card slots. By just plugging in the WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input: DC power with terminal block connector and AC power adapter with screw type connector.

Super Slim & Ultra Lightweight Design

With a thickness of 45.8 mm and weight of 1.8 kg, the MPC102-845 is designed for use in space-constrained environments.

Certifications

This 10.4-inch medical panel platform complies with 4th version of EN 60601-1, CE, and FCC Class B certifications to ensure medical operation safety.

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the MPC102-845 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	10.4" XGA TFT LCD with LED backlight
	Brightness (cd/m ²)	350 nits (XGA)
	Resolution	1024 x 768 (XGA)
	Viewing Angel (H/V)	150°/150°
Main System	CPU	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD (9.5 mm height) 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	1 x RS-232 1 x RS-232/422/485 (default RS-232) 1 x Switch for power on/off 1 x AT/ATX mode selection switch 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)
Expansion Interface	1 x Full-size PCI Express Mini Card slot with mSATA 1 x Full-size PCI Express Mini Card slot with SIM
Touchscreen	Resistive type
Power Supply	AC version: 100 to 240 V AC-DC, 65W power adapter DC version: 9 to 36 VDC with over current protection fuse
Power Consumption	32W
Dimension	292.5 mm (11.52") (W) x 45.8 mm (1.80") (D) x 235.8 mm (9.28") (H)
Packing Dimensions	415 mm (16.34") (W) x 100 mm (3.94") (D) x 315 mm (12.4") (H)
Weight (net/gross)	1.8 kg (3.96 lb)/3 kg (6.61 lb)
Operating Temperature	0°C to +40°C (+32°F to +122°F)
Relative Humidity	20% to 90% @ +40°C; non-condensing
Operation Vibration	2G, 5 - 500Hz, random for SSD
Certifications	4th EN 60601-1 (ESD contact 8KV, air 15KV), CE and FCC

Packing List

1 x MPC102-845
1 x Adapter (MPC102-845-J)
1 x Power cord (MPC102-845-J)
1 x Phoenix connector (MPC102-845 DC)

Ordering Information

Standard	
MPC102-845-DC (P/N: E228102104)	10.4" XGA fanless medical touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen, and DC power input (terminal block connector)
MPC102-845-J (P/N: E228102103)	10.4" XGA fanless medical touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen, AC-DC 65W power adapter (screw type connector), and EMI class B

* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

Wi-Fi + Bluetooth kit	
881281021A0E	Panel mount kit
881251001A0E	Wall mount kit
E226171119	Stand kit
881251203A0E	RFID kit

Optional EOS Installation

WES 7

WE8S (64-bit)

Optional OS Installation

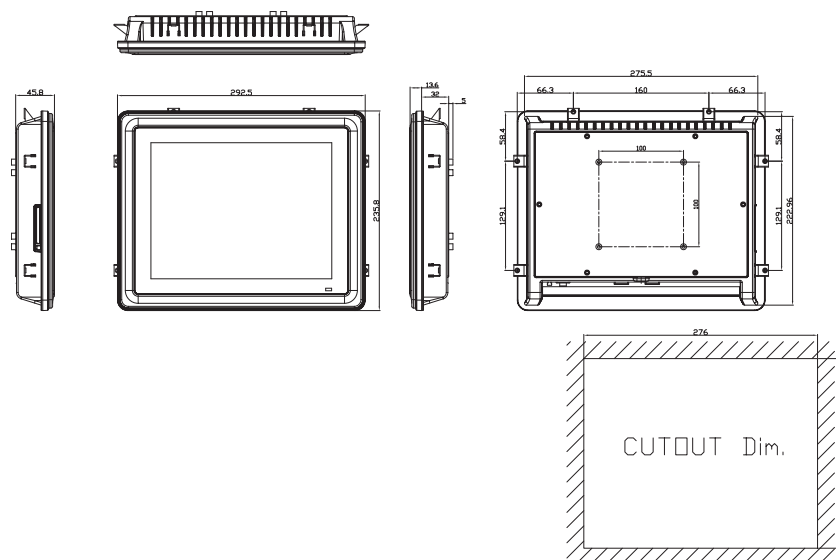
Windows® 7

Windows® 8.1 (64-bit)

Windows® 10



Dimensions



MPC152-845

15" XGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® Processor N3060

Features

- 15" XGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor N3060
- 2 GbE LAN, 4 USB, and 2 COM
- Plastic and IP65-rated front bezel
- Supports RFID (optional)
- External AT/ATX mode selection switch
- Easy access storage design
- Supports panel mount, wall mount, VESA arm, and desktop stand
- Adjustable RS-232/422/485 setting via BIOS
- 4th EN 60601-1, CE, and FCC



▲ Side view



Fanless



Low Power



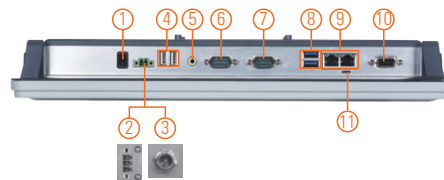
DDR3L



AiRD



IP65



1. Power switch (ATX)
2. Terminal block for DC power input
3. Screw connector with AC power adapter
4. 2 x USB 2.0
5. 1 x Audio (Line-out)
6. 1 x RS-232/422/485
7. 1 x RS-232
8. 2 x USB 3.0
9. 2 x LAN
10. 8 x DIO (programmable, DB9)
11. AT/ATX selectable switch
12. Touch LED indicator
13. Touch on/off button
14. HDD & power LED indicator

Introduction

The MPC152-845 is a 15" fanless medical touch panel computer. In response to market demand, this medical panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with a 15" TFT LCD. It is powered by the Intel® Celeron® processor N3060 dual core up to 2.48 GHz. For wireless network connection, the MPC152-845 offers 2 PCI Express Mini Card slots. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input: DC power with terminal block connector and AC power adapter with screw type connector.

Super Slim & Ultra Lightweight Design

With a thickness of 54.6 mm and weight of 3.2 kg, the MPC152-845 is designed for use in space-constrained environments.

Certifications

This 15-inch medical panel platform complies with 4th version of 60601-1, CE, and FCC Class B certifications to ensure medical operation safety.

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the MPC152-845 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	15" XGA TFT LCD with LED backlight
	Brightness (cd/m ²)	420 nits (XGA)
	Resolution	1024 x 768 (XGA)
	Viewing Angel (H/V)	160°/160°
Main System	CPU	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD (9.5 mm height) 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	1 x RS-232 1 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x Switch for power on/off 1 x AT/ATX selectable switch 1 x 8-bit DIO (programmable, DB9)
Expansion Interface	1 x Full-size PCI Express Mini Card slot with mSATA 1 x Full-size PCI Express Mini Card slot with SIM
Touchscreen	Resistive type
Power Supply	AC version: 100 to 240 V AC-DC, 65W power adapter DC version: 9 to 36 VDC with over current protection fuse
Power Consumption	32 W
Dimension	387.9 mm (15.27") (W) x 54.6 mm (2.14") (D) x 307.7 mm (12.11") (H)
Packing Dimensions	510 mm (20.08") (W) x 105 mm (4.13") (D) x 385 mm (15.16") (H)
Weight (net/gross)	3.2 kg (7.05 lb)/5.1 kg (11.24 lb)
Operating Temperature	0°C to +40°C (+32°F to +122°F)
Relative Humidity	20% to 90% @ +40°C; non-condensing
Operation Vibration	2G, 5 - 500Hz, random for SSD
Certifications	4th EN 60601-1 (ESD contact 8KV, air 15KV), CE and FCC

Packing List

1 x MPC152-845
1 x Adapter (MPC152-845-J)
1 x Power cord (MPC152-845-J)
1 x Phoenix connector (MPC152-845 DC)

Ordering Information

Standard	
MPC152-845-J (P/N: E228152105)	15" XGA fanless medical touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen, AC-DC 65W power adapter (screw type connector), and EMI class B
MPC152-845-DC (P/N: E228152106)	15" XGA fanless medical touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen, and DC power input (terminal block connector)

* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

Wi-Fi + Bluetooth kit	
881251520A0E	Panel mount kit
881251521A0E	Wall mount kit
E226171119	Stand kit
881251203A0E	RFID kit

Optional EOS Installation

WES 7

WE8S (64-bit)

Optional OS Installation

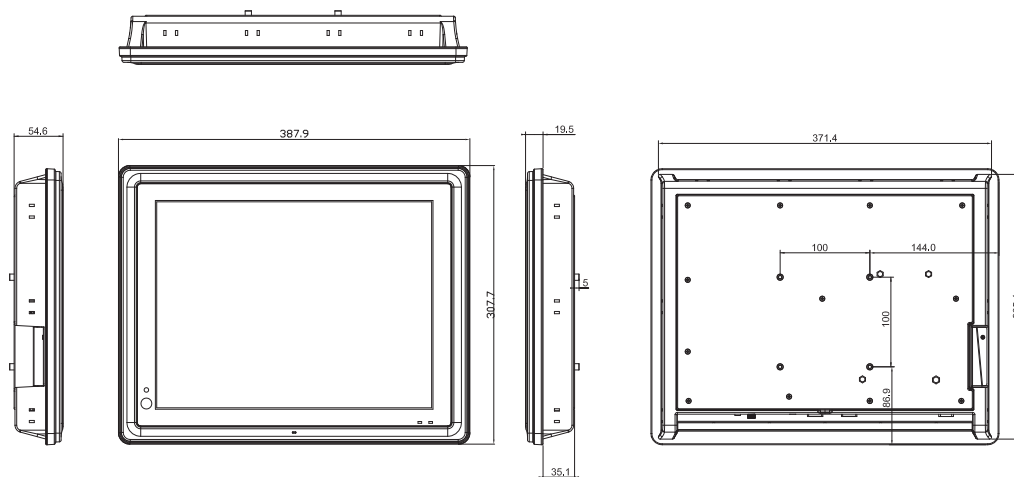
Windows® 7

Windows® 8.1 (64-bit)

Windows® 10



Dimensions

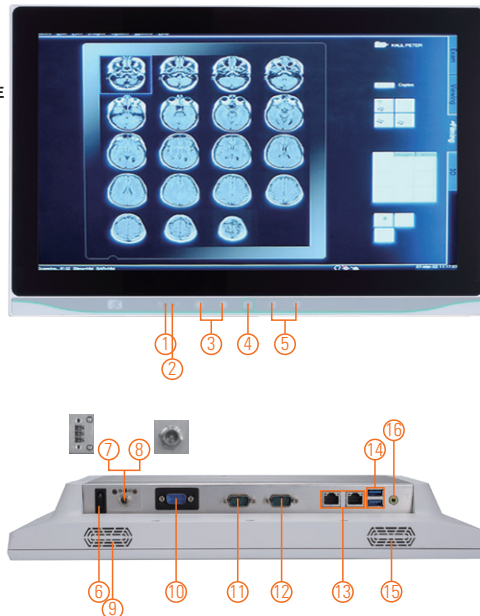


MPC153-834

15.6" WXGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® Processor J1900

Features

- 15.6" WXGA TFT LCD display with LED backlight
- 5-wire flat resistive touch for optional
- Fanless design with Intel® Celeron® processor J1900 4 cores (up to 2.42 GHz)
- EN 60601-1, CE, and FCC class B certified
- Half-slim SSD and CFast™ or mSATA
- Antimicrobial plastic enclosure
- IP65 front bezel and IPX1 full enclosure design
- Supports wall mount, VESA arm, and desktop stand
- Supports smart card reader (optional)



Introduction

The MPC153-834 is a 15.6" fanless medical-grade touch panel computer. In response to market demand, this medical touch panel computer is a cost-effective solution. It adopts a modern, sleek, and fanless design and is powered by the Intel® Celeron® processor J1900 4 cores with up to 2.42 GHz (Bay Trail). For wireless network connection, the MPC153-834 offers 2 PCI Express Mini Card slots. By just plugging in a WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input: DC power input (9 to 36VDC) with terminal block connector and AC medical power adapter with screw type connector.

Slim & Lightweight Design

The 15.6-inch medical panel PC is slim and lightweight, perfect for limited space installation.

Built-in Internal WLAN Antenna

The MPC153-834 has two PCI Express Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the medical computer in wireless LAN/GPRS/GPS/4G environment.

Support Front Membrane Keys

The MPC153-834 has five membrane keys on the front panel which allow users to adjust the LCD on/off, LCD brightness, and volume setting easily.

Certifications

This 15.6-inch fanless medical panel platform complies with EN 60601-1, CE, and FCC Class B certifications to ensure medical operation safety.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	15.6" WXGA TFT LCD display with LED backlight
	Brightness (cd/m ²)	300 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Celeron® processor J1900 4 cores
	System Memory	1 x 204-pin DDR3L-1066/1333 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x Half-slim SSD 1 x CFast™ or mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated Intel® GFX

Specifications

I/O Connector	2 x RS-232/422/485 (default RS-232) 1 x RS-232 with isolated 4kV 2 x 10/100/1000 Mbps Ethernet (Intel® i210-IT) 2 x USB 3.0 1 x Audio (Line-out)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA 1 x Full-size PCI Express Mini Card with SIM
Touchscreen	5-wire flat resistive touch
Power Supply	AC version: medical grade 100 to 240 V AC-DC, 60W power adapter DC version: 9 to 36 VDC with terminal block
Dimensions	394.2 mm (15.53") (W) x 57 mm (2.25") (D) x 257.2 mm (10.13") (H)
Packing Dimensions	508 mm (20.00") x 106 mm (4.17") x 383 mm (15.08")
Weight (net/gross)	3.0 kg (6.61 lb)/5.2 kg (11.46 lb)
Operating Temperature	0°C to +40°C (32°F to +104°F, with RAM thermal kit)
Relative Humidity	20% to 90% @ +40°C; non-condensing
Operation Vibration	2G, 10 - 500Hz, random for CFast™
Certifications	CE, FCC class B and EN60601-1

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

* The DC power source to be used with MPC153-834 must be galvanically isolated according to IEC60601-1 safety of medical devices!

Packing List

1 x MPC153-834
1 x Adapter (MPC153-834-J)
1 x Power cord (MPC153-834-J)

Ordering Information

Standard	
MPC153-834-FR-J (P/N: E228153102)	15.6" WXGA fanless medical touch panel computer with Intel® Celeron® processor J1900, 5-wire flat resistive touch screen, AC-DC 60 W power adapter (screw type, and connector), EMI class B, and EN 60601-1 certified

* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

Wi-Fi + Bluetooth kit
Smart card reader kit

Optional EOS Installation

WES7

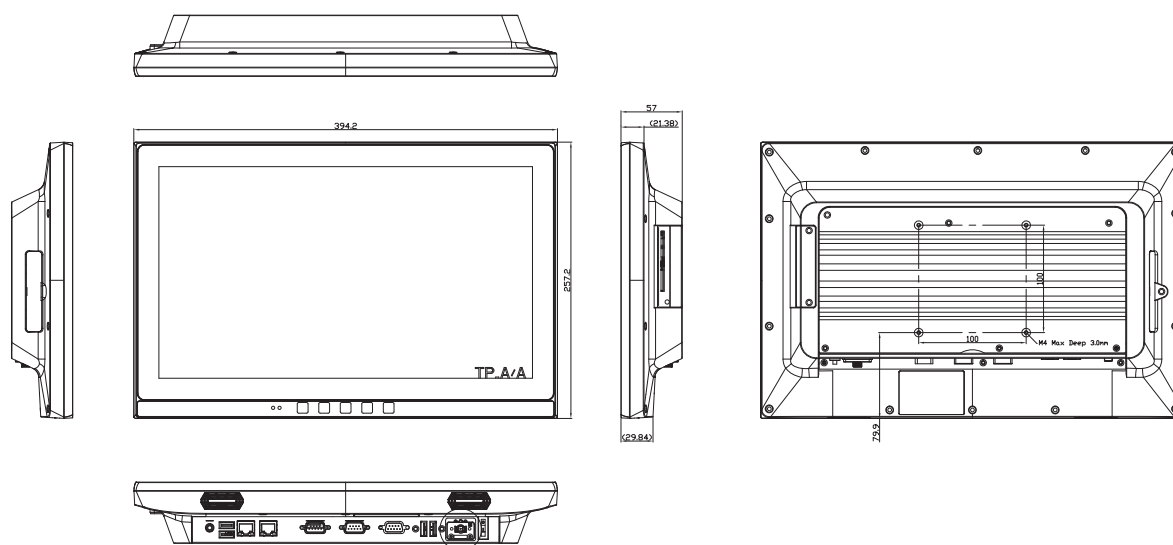
WEBS

Optional OS Installation

Windows® 7

Windows® 8.1

Dimensions





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