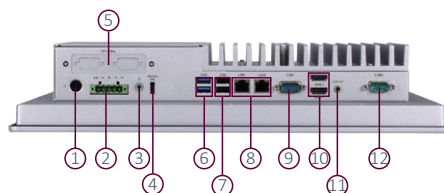


# GOT317B-ADL-TRD NEW

17" SXGA Fanless Touch Panel Computer with LGA1700 Socket 14th/13th/12th Gen Intel® Core™ i9/i7/i5/i3 or Pentium® Processor



- |                                              |                |
|----------------------------------------------|----------------|
| 1. Power button                              | 7. USB 2.0     |
| 2. Phoenix type connector for DC power input | 8. Gigabit LAN |
| 3. Grounding hole                            | 9. COM1        |
| 4. Remote power switch                       | 10. HDMI 1.4b  |
| 5. Flexible I/O window                       | 11. Line-out   |
| 6. USB 3.2 Gen1                              | 12. COM2       |



▲ Side view



▲ Rear view



Fanless



IP65



Wide Temp.

## Features

- 17" SXGA LCD with 350 nits of brightness
- 5-wire resistive touch
- Supports one 2.5" SATA HDD/SSD
- Flat front panel touch screen with rugged IP65 front bezel
- Fanless design
- Supports WLAN module and antenna (optional)
- Supports 4 USB and 2 COM ports
- TPM 2.0 onboard
- Swappable HDD tray
- Supports panel mount, VESA mount, desktop stand, and wall mount



## Introduction

The GOT317B-ADL-TRD is a versatile touch panel PC featuring a fanless design and a 17-inch SXGA LCD display. It supports the LGA1700 socket 14th/13th/12th gen Intel® Core™ i9/i7/i5/i3 or Pentium® processor. Additionally, it offers M.2 Key E and PCIe Express Mini Card slots for effortless integration of add-on devices including Wi-Fi modules, making it an ideal choice for applications such as factory automation and oil pipe monitoring systems.

### 17" SXGA LCD with 5-wire resistive touch

The 17-inch SXGA touch panel PC supports a brightness of 350 nits, enabling HD resolution content display. Its fanless design and flat-panel touch screen enhance usability, enabling intuitive operation and ensuring a user-friendly experience.

## Specifications

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                              |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Front Bezel                    | IP65 front bezel                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                              |
| LCD Panel                      | Display Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 17" SXGA TFT LCD                                                                             |
|                                | Brightness (cd/m <sup>2</sup> )                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 350 nits                                                                                     |
|                                | Resolution                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1280 x 1024                                                                                  |
| Main System                    | CPU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LGA1700 socket 14th/13th/12th gen Intel® Core™ i9/i7/i5/i3 or Pentium® processor (up to 35W) |
|                                | Chipset                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Intel® H610                                                                                  |
|                                | System Memory                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 x 260-pin DDR4 3200MHz SO-DIMM, up to 32GB                                                 |
|                                | BIOS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | AMI UEFI BIOS                                                                                |
|                                | Storage                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 x 2.5" SATA HDD (WT)/SSD (7 mm and 9.5 mm height, removable)                               |
|                                | Watchdog Timer                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 255 levels, 0 to 255 sec.                                                                    |
|                                | Onboard Graphics                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Intel® UHD Graphics 770                                                                      |
| I/O Connector                  | 1 x 9-pin D-sub Male RS-232/422/485<br>1 x RS-232 via cable<br>1 x Flexible I/O window with support for COM3, COM4, and DIO (on-board optional)<br>1 x RJ-45 for 10/100/1000Mbps (Intel® I219-V)<br>1 x RJ-45 for 10/100/1000/2500Mbps (Intel® I225-V)<br>2 x USB 3.2 Gen1 (Type A)<br>2 x USB 2.0 (Type A)<br>1 x Phoenix type connector for DC power input<br>1 x Switch for power on/off (ATX)<br>1 x Line-out<br>2 x HDMI 1.4b<br>1 x Remote power switch<br>1 x Grounding hole |                                                                                              |
| TPM                            | TPM 2.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                              |
| Expansion Interface            | 1 x M.2 Key E 2230 with PCIe x1 and USB 2.0<br>1 x PCI Express Mini Card (USB+PCIe signal+nano SIM slot "LTE")                                                                                                                                                                                                                                                                                                                                                                      |                                                                                              |
| Touchscreen                    | 5-wire resistive touch screen                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                              |
| Power Supply                   | 10 to 36V DC-in (typical 12/24VDC) via terminal block                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                              |
| Power Consumption              | 120W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                              |
| Dimensions (W x D x H)         | 398 x 77.5 x 330.45 mm (15.67" x 3.05" x 13")                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                              |
| Packing Dimensions (W x D x H) | 625 x 260 x 600 mm (24.61" x 10.24 x 23.62")                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                              |
| Weight (net/gross)             | 7.36 kg (16.22 lb)/11 kg (24.25 lb)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                              |
| Operating Temperature          | -10°C to +50°C (35W CPU/SSD)                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                              |
| Relative Humidity              | 10% to 95% @ +40°C; non-condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                              |
| Operation Vibration            | 1G/5 to 500Hz/operation (SSD, random)                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                              |
| Certifications                 | CE Class A, IEC/EN 61000-6-4, and IEC/EN 61000-6-2<br>FCC 47 CFR Part 15 Subpart B (Class A)<br>UKCA<br>RoHS standard                                                                                                                                                                                                                                                                                                                                                               |                                                                                              |

## Ordering Information

|                                   |                                                                                                                                                                                                                                          |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GOT317B-ADL-TRD (P/N: E22B317B00) | 17" SXGA TFT fanless touch panel computer with LGA1700 socket 14th/13th/12th gen Intel® Core™ i9/i7/i5/i3 or Pentium® processor (up to 35W), 5-wire resistive touch screen, and 10 to 36 VDC terminal block with small Phoenix connector |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\* Other configuration by request

\* Specification and certifications may vary based on different requirements



- 1 x GOT317B-ADL-TRD
- 1 x Phoenix connector
- 1 x Panel mount kit set

4G LTE Kit  
Wi-Fi kit

Win 10, Win 10 IoT, Win 11, Win 11 IoT, and Linux

Technical drawing of the E22B317B00 unit, showing various views and dimensions:

- Top View:** Dimensions 385.55 (width) and 330.76 (depth).
- Front View:** Dimensions 398±2(W) (width), 330.4±2(H) (height), and a diagonal of 17".
- Side View:** Dimensions 24.5 (height), 5.5 (height), 77.5±2(D) (depth), 192 (height), 4.9 (height), and 317.97 (height).
- Bottom View:** Dimensions 100 (width) and 100 (depth). Mounting holes are specified as 10-M4 MAX. Deep 2.8 mm and 4-M4 MAX. Deep 5 mm.
- Left View:** Dimensions 386.7<sup>+1</sup><sub>-0</sub> (width) and 319<sup>+1</sup><sub>-0</sub> (height).
- Internal View:** Shows the internal components and wiring.

Model: E22B317B00