

GOT-5120TL-621

12.1" SVGA TFT Super Slim Fanless Touch Panel Computer



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|---------------------------|---------------------|
| 1. Power switch (AT) | 5. COM 2 (RS-232) |
| 2. 24 VDC power | 6. Ethernet |
| 3. VGA | 7. USB 2.0 x 2 |
| 4. COM 1 (RS-232/422/485) | 8. Audio (Line-out) |



Features

- 12.1" SVGA (800 x 600) color TFT LCD display with LED backlight
- Fanless cooling system with AMD Geode™ LX800 processor onboard
- Slim design: thickness 51mm
- Embedded OS: Windows® CE.NET, XP Embedded supported
- Easy for expansion: MiniPCI expansion slot
- Over-current protection fuse
- Supports panel mount, wall mount, VESA arm, desktop stand (optional)



Side view

Introduction

The GOT-5120TL-621 is a super slim and fanless touch panel computer specifically designed for application requiring 800 x 600 resolution. It adopts SVGA TFT display, AMD Geode LX800 500 MHz processor and supports various operating systems of Windows XP, XPE, and CE. With the compact design, thickness of 51 mm only, the GOT-5120TL-621 is ideal for space-limited environments. Besides, the GOT-5120TL-621 is equipped with one MiniPCI slot for expansion availability. It's also equipped with CompactFlash™ card and 2.5" HDD for storage capability. Thus, the GOT-5120TL-621 is the best solution for factory automation, machine maker operating systems and building automation.

Super slim design: 51mm thickness

The GOT-5120TL-621 is a super slim and fanless touch panel computer for limited space applications. This fanless touch panel computer is designed around the

concept of curved lines and soft edges by incorporating a AMD Geode LX800 processor and a streamlined mechanical layout.

Built-in internal WLAN antenna

The GOT-5120TL-621 provides a mini card slot and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT-5120TL-621 in a wireless LAN/GPRS/GSM /3G environments.

Various Embedded O.S supported for diverse applications

The GOT-5120TL-621 supports various embedded O.S, such as Windows® CE.NET, Windows® XP Embedded, and it provides a flexible platform for diverse applications.

Specifications

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|-------------|---|---------------------------------------|
| Front Bezel | IP65, NEMA 4 rugged protection, plastic front bezel | |
| LCD Panel | Display Type | 12.1" SVGA TFT LCD with LED backlight |
| | Brightness (cd/m ²) | 450 nits |
| | Resolution | 800 x 600 |
| | Viewing Angel (H/V) | 160° / 140° |
| Main System | CPU | AMD Geode LX800 500 MHz |
| | Chipset | AMD LX + CS5536AD |

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|------------------|---|
| System Memory | 1 x 200-pin DDR SODIMM max. up to 1 GB |
| BIOS | Award 4Mbit with RPL/PEX LAN boot ROM, Smartview and customer CMOS backup |
| Storage | 1 x 2.5" IDE HDD (optional) 1 x CompactFlash™ |
| Watchdog Timer | 255 levels, 0-255 sec. |
| Onboard Graphics | Integrated in AMD LX chipset |

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|---------------------|--|
| I/O Connector | 1 x RS-232 (COM 2) 1 x RS-232/422/485 (COM 1) 2 x USB 2.0 1 x 10/100Mbps Ethernet 1 x Audio (Line-out) 1 x VGA |
| Expansion Interface | 1 x MiniPCI slot |
| Touchscreen | Resistive type |
| Power Supply | 24V _{DC} , w/ over-current protection fuse |
| Dimension | 327.5 mm (12.9") (W) x 51.5 mm (2.03") (D) x 262 mm (10.3") (H) |
| Weight (net/gross) | 2.24 kg (4.93 lb)/3.67 kg (8.09 lb) |
| Environment | Operating temperature: 0°C - +50°C (32°F - 122°F) (in airflow condition) 0°C - +45°C (32°F - 113°F) Relative humidity: 10% - 95% @ 40°C; non-condensing Operation vibration: 2G, 5 - 500Hz, random for CompactFlash™ |
| Certification | CE |

Ordering information

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|----------------|---|
| GOT-5120TL-621 | 12.1" SVGA TFT compact fanless touch panel computer |
| 50966A23030E | Power adapter, 72W, 110-230V _{AC} to 24V _{DC} |
| E225840102 | Desktop stand |
| Wireless kit | 802.11 b/g wireless LAN kit |
| HDD kit | 2.5" IDE HDD kit |

* Specification and certifications are based on options and may vary.

Optional EOS Installation

Windows® CE.NET
Windows® XP Embedded

Optional OS Installation

Windows® XP



Desktop stand

Dimensions

