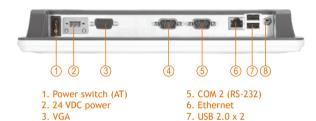# GOT-5120TL-621
12.1" SVGA TFT Super Slim Fanless Touch Panel Computer

Features

Fanless   LowPower

- 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 various mounting ways: panel/wall/VESA /stand (optional)

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

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

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

System Memory	1 x 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

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	327.5mm (12.9") (W) x 51.5mm (2.03") (D) x 262mm (10.3") (H)
Weight (net/gross)	2.24 kg (4.93 lb)/3.67 kg (8.09 lb)
Environmental	Operation 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

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
E989110035	VESA ARM clamp type
E989110036	VESA ARM wall mount type
Wireless kit	802.11 b/g wireless LAN kit
HDD kit	2.5" IDE HDD kit

*Specifications and certifications are limited to optional.

Optional EOS Installation

Windows® CE.NET
Windows® XP Embedded

Optional OS Installation

Windows® XP

Desktop stand

Dimensions

51.50
327.49
13.80
261.79
37.70
311.24
249.48