GOT-5840TL-621

8.4" SVGA TFT Super Slim Fanless Touch Panel Computer
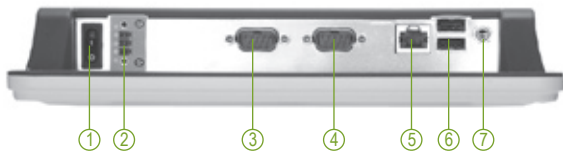
Features

Fanless   LOW POWER

▶ **8.4" SVGA (800 x 600) color TFT LCD display**
▶ **Fanless cooling system with AMD LX800 processor onboard**
▶ **Slim design: thickness 44mm**
▶ **Embedded OS: Windows® CE.NET, XP Embedded supported**
▶ **Easy for expansion: 1 MiniPCI expansion slot**
▶ **Over-voltage protection-Fuse**
▶ **Supports various mounting ways: Panel/Wall/VESA (optional)**

① ② ③ ④ ⑤ ⑥ ⑦

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

Side view

Introduction

The GOT-5840TL-621 is a super slime and fanless touch panel computer specifically designed for application requiring 800 x 600 resolution. It adopts 8.4" SVGA TFT display, AMD LX800 500 MHz processor and supports various operating systems of Windows XP, XPE, CE. With the compact design, thickness of 44 mm only, the GOT-5840TL-621 is ideal for space-limited environments. Besides, the GOT-5840TL-621 is equipped with one MiniPCI slot for expansion availability. It's also equipped with CompactFlash™ card for storage capability. Thus, the GOT-5840TL-621 is the best solution for factory automation, machine maker operating systems and building automation.

Super slim design: 44mm thickness
The GOT-5840TL-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 an AMD LX800 processor and a streamlined mechanical layout.

WLAN antenna support (optional)
The GOT-5840TL-621 provides a MiniPCI slot and an optional fixed rotational WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT-5840TL-621 in a wireless environment.

Various Embedded O.S supported for diverse applications
The GOT-5840TL-621 supports various embedded O.S, such as Windows® CE.NET, Windows® XP Embedded, and it provides a flexible platform for diverse applications.
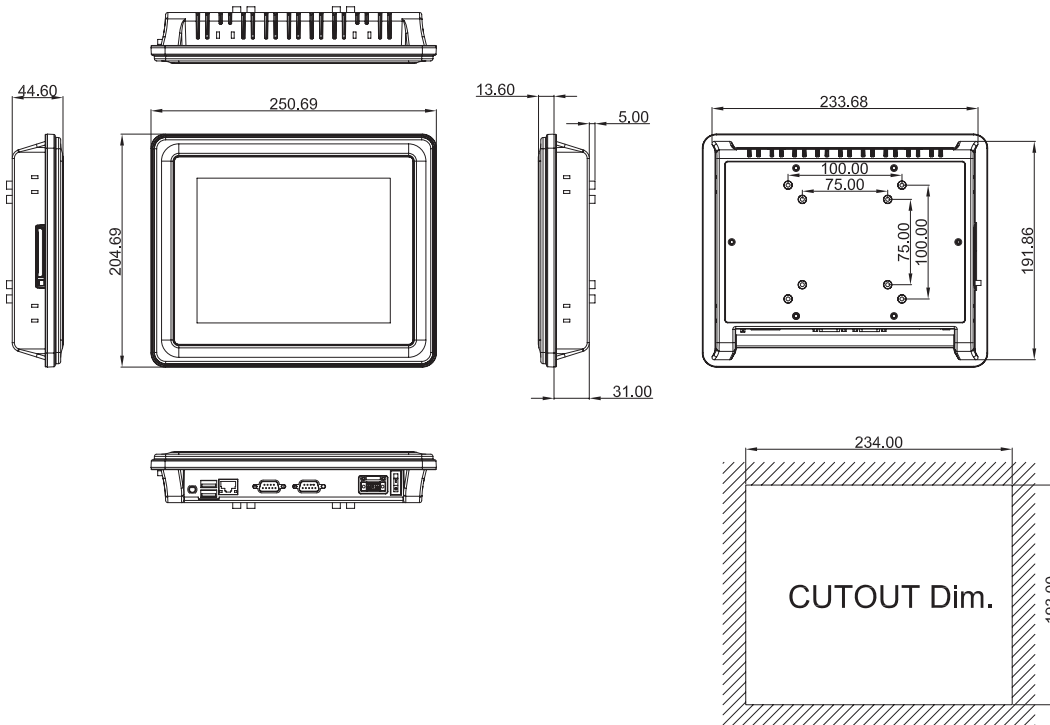
Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	8.4" SVGA TFT LCD	
	Brightness (cd/m^2)	250 nits
	Resolution	800 x 600
	Viewing Angel (H/V)	120˚/100˚
Main System	Main Board	EP621
	CPU	AMD LX800 500 MHz
	Chipset	AMD LX+CS5536AD

System Memory	1 x DDR SODIMM max. up to 1GB
BIOS	Award 4Mbit with RPL/PEX LAN boot ROM, Smartview and customer CMOS backup.
Storage	1 x CompactFlash™
Watchdog Timer	255 levels, 0~255 sec.
Onboard Graphics	Integrated in AMD LX

* All specifications and photos are subject to change without notice.

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)
Expansion Interface	1 x MiniPCI slot
Touchscreen	Resistive type
Power Supply	24V$_{DC}$, w/ fuse over-current protection
Dimension	251mm (9.88") (W) x 44.6mm (1.76") (D) x 205mm (8.06") (H)
Weight (net/gross)	1.3 kg (2.87 lb)/2.25 kg (4.96 lb)
Environmental	Operation temperature: 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-5840TL-621	8.4" SVGA TFT compact fanless touch panel computer
50966A23020E	Power adapter, 72W, 110~230V$_{AC}$ to 24V$_{DC}$
E225840102	Desktop stand

*Specifications and certifications are limited to optional.

Optional EOS Installation

| Windows® CE.NET |
| Windows® XP Embedded |

Optional OS Installation

| Windows® XP |

Desktop stand

Dimensions

44.60
250.69
204.69
13.60
5.00
31.00
233.68
100.00
75.00
75.00
100.00
191.86
234.00
193.00
CUTOUT Dim.