GOT5840T-832

8.4" SVGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor N2600

Features

- 8.4" SVGA (800 x 600) color TFT LCD display
- Fanless cooling system with Intel® Atom™ processor N2600 1.6 GHz
- Ultra slim design: thickness 45 mm
- Super light weight: 1.3 kg
- Easy for expansion: PCIe Mini card
- Supports panel mount, wall mount, VESA arm, desktop stand (optional)
- Over-current protection fuse

▲ Side view

▲ Desktop stand
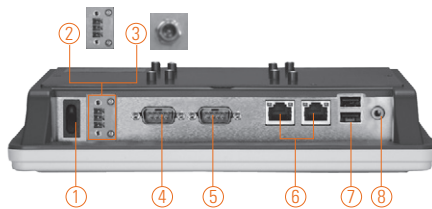
1. Power switch (ATX)
2. Terminal block for DC power input or
3. Screw conn. w/ AC power adapter
4. COM 1 (RS-232/422/485)
5. COM 2 (RS-232)
6. Ethernet x 2
7. USB 2.0 x 2
8. Audio (Line-out)

Supports Intel Atom inside

Fanless | Low Power | DDR3 | AiRD | IP65

Introduction

The GOT5840T-832 is a 8.4" Intel® Atom™-based 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 a 8.4" TFT LCD as well as Intel® Atom™ processor N2600 1.6 GHz. For wireless network connection, the GOT5840T-832 offers a mini card slot. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/3G environments. Besides, it provides two types of power input. One is DC power input (10~30VDC) with terminal block connector. The other is AC power adapter with screw type connector.

Super slim & ultra light design

The GOT5840T-832 is a super slim touch panel computer for space-limited environment with its thickness of 45mm and weight of 1.3 kg only, which make it installed everywhere.

Built-in internal WLAN antenna

The GOT5840T-832 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 GOT5840T-832 in a wireless LAN/GPRS/ GSM/3G environments.

Excellent thermo solution: aluminum back chassis

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5840T-832 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	8.4" SVGA TFT LCD
	Brightness (cd/m^2)	400 nits
	Resolution	800 x 600
	Viewing Angel (H/V)	160°/140°
Main System	CPU	Intel® Atom™ processor N2600 1.6 GHz
	Chipset	Intel® NM10 Express
	System Memory	1 x 204-pin DDR3 SO-DIMM max. up to 2 GB
	BIOS	AMI UEFI BIOS
	Storage	1 x CompactFlash™
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated in Intel® GFX

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

Specifications

I/O Connector	1 x RS-232 (COM 2) 1 x RS-232/422/485 (COM 1) 2 x USB 2.0 2 x 10/100/1000Mbps Ethernet 1 x Audio (Line-out)
Expansion Interface	1 x PCIe Mini Card
Touchscreen	Resistive type
Power Input	1. DC version: 10~30VDC with over-current protection fuse 2. AC version: 100-240V AC-DC 60W power adapter
Dimensions	250.7 mm (9.87") (W) x 45.8 mm (1.80") (D) x 204.7 mm (8.06") (H)
Packing Dimensions	380 mm (14.96") (W) x 100 mm (3.94") (D) x 280 mm (11.02") (H)
Weight (net/gross)	1.3 kg (2.87 lb)/ 2.25 kg (4.96 lb)
Environment	Operating temperature: 0° ~ +50°C (+32°F ~ +122°F) (with W.T. DRAM/HDD in airflow condition) 0° ~ +45°C (+32°F ~ +113°F) (with W.T. DRAM) Storage Temperature: -20°C ~ +70°C (-4°F ~ +158°F) Relative humidity: 10% ~ 95% @ 40°C; non-condensing Operation vibration: 2G, 5~500Hz, random for CompactFlash™
Certification	CE

Ordering Information

GOT5840T-832	8.4" SVGA Intel® Atom™ N2600 fanless touch panel computer with phoenix terminal block connector
GOT5840T-832-J	8.4" SVGA Intel® Atom™ N2600 fanless touch panel computer with screw type connector & AC-DC 60W power adapter
E225840102	Desktop stand

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

Optional EOS Installation

WES
Windows® Embedded 7

Optional OS Installation

Windows® XP
Windows® 7

▲ AC power adapter
(for GOT5840T-832-J)

Dimensions

CUTOUT Dim.