GOT5120T-832

12.1" XGA/SVGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor N2600

NEW

Features

- 12.1" XGA/SVGA color TFT LCD display with LED backlight
- Fanless design with Intel® Atom™ processor N2600 1.6 GHz
- Supports WLAN module & internal antenna
- Supports 4 USB & 2 COM ports
- Easy for expansion: Mini card
- Supports panel mount, wall mount, VESA arm, desktop stand (optional)
- RFID (optional)/speaker (optional)

1. Power switch (ATX)
2. Terminal block for DC power input
or 3. Screw conn. w/ AC power adapter
4. USB 2.0 x 2
5. VGA

6. COM 1 (RS-232/422/485)
7. COM 2 (RS-232)
8. Ethernet
9. USB 2.0 x 2
10. Audio (Line-out)

▲ Side view

▲ Desktop stand

Supports
Intel Atom inside

Fanless Low Power DualView DDR3 AiRD

Introduction

The GOT5120T-832 is a 12.1" 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 12.1" TFT LCD as well as Intel® Atom™ processor N2600 1.6 GHz. For wireless network connection, the GOT5120T-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 GOT5120T-832 is a super slim touch panel computer for space-limited environment with its thickness of 52mm and weight of 2.4 kg only, which make it installed everywhere.

Built-in internal WLAN antenna
The GOT5120T-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 GOT5120T-832 in a wireless LAN/GPRS/ GSM/3G environments.

Excellent thermal solution: aluminum back chassis
With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5120T-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	12.1" XGA/SVGA TFT LCD with LED backlight
	Brightness (cd/m²)	500 nits (XGA) 450 nits (SVGA)
	Resolution	1024 x 768 (XGA) 800 x 600 (SVGA)
	Viewing Angel (H/V)	160°/140°
Main System	CPU	Intel® Atom™ processor N2600 1.6 GHz
	Chipset	Intel® NM10
	System Memory	1 x 204-pin DDR3 SO-DIMM max. up to 2 GB
	BIOS	AMI 8 Mbit with RPL/PXE LAN boot ROM
	Storage	1 x 2.5" SATA HDD 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) 1 x VGA 1 x Audio (Line-out) 4 x USB 2.0 2 x 10/100/1000Mbps Ethernet
Expansion Interface	1 x PCIe Mini Card slot
Touchscreen	Resistive type
Power Input	1. DC version: 10~30VDC with fuse over-current protection fuse 2. AC version: 100-240V AC-DC 60W power adapter
Dimensions	327.5 mm (12.9") (W) x 52.5 mm (2.07") (D) x 261.8 mm (10.3") (H)
Packing Dimensions	455 mm (17.91") (W) x 105 mm (4.13") (D) x 340 mm (13.39") (H)
Weight (net/gross)	2.48 kg (5.46 lb)/3.84 kg (8.46 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/HDD) Storage Temperature: -30°C ~ +80°C (-22°F ~ +176°F) Relative humidity: 10% ~ 95% @ 40 ; non-condensing Operation vibration: 2G, 5 ~ 500Hz, random for CompactFlash™
Certification	CE-EMC class A (GOT5120T-832) CE-EMC class B (GOT5120T-832-J)

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

** W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

GOT5120T-832	12.1" SVGA Intel® Atom™ N2600 fanless touch panel computer with terminal block connector
GOT5120T-832-J	12.1" SVGA Intel® Atom™ N2600 fanless touch panel computer with screw type connector & AC-DC 60W power adapter
GOT5120T-832-XGA	12.1" XGA Intel® Atom™ N2600 fanless touch panel computer with terminal block connector
GOT5120T-832-J-XGA	12.1" XGA Intel® Atom™ N2600 fanless touch panel computer with screw type connector & AC-DC 60W power adapter
E225840102	Desktop stand
Wireless kit	802.11 b/g wireless LAN kit

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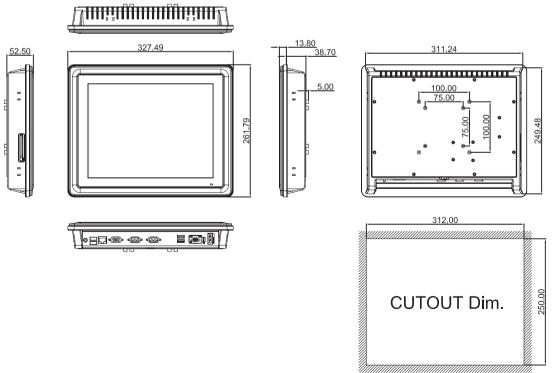
Optional EOS Installation

Windows® Embedded 7 (32-bit)

Optional OS Installation

Windows® 7 (32-bit)

▲ AC power adapter
(for GOT5120T-832-J)

Dimensions

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