GOT5152T-832

15" XGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor D2550

Features

- 15" XGA (1024 x 768) color TFT LCD display with LED backlight
- Fanless cooling system with Intel® Atom™ processor D2550 1.86 GHz
- Ultra slim design: thickness 54.6 mm
- Super light weight: 3.2 kg
- Easy for expansion: PCIe Mini Card slot
- Supports panel mount and optional wall mount/VESA arm mount/desktop stand (optional)
- Supports RFID (optional)
- Over-current protection fuse

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. COM 3 (RS-232)

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

▲ Side view

▲ CompactFlash™ slot with protective cover

Supports
Intel
Atom inside

Fanless   Low Power   DualView   DDR3   AiRD   IP65

Introduction

Axiomtek's new GOT5152-832 offers the latest fanless technology using Intel®'s dual core D2550 1.86GHz CPU. Running Windows or Linux, this system provides great performance for many commercial and industrial applications. This slim design incorporates a 15" 400 nits LCD display providing a bright XGA (1024 x 768) touch screen. Wireless communications is supported with a built-in antenna within the bezel, ready for your choice of optional PCIe Mini-card WiFi cards. There are two choices for powering the unit, Class B that includes an external AC to DC power brick with screw-on power connector, or Class A with no power brick, providing a Phoenix style DC connector (10VDC – 30VDC). Using an all industrial-grade IP-65 rated design, weighing 7 to 11lbs (depending on configuration), this computer provides an attractive cost, low power, high performance, reliable quality, slim size and low weight, all new for more demanding applications.

Super slim & ultra light design
The GOT5152T-832 is a super slim touch panel computer for space-limited environment with its thickness of 54.6mm and weight of 3.2 kg only, which make it installed everywhere.

Built-in internal WLAN antenna
The GOT5152T-832 provides a PCIe 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 GOT5152T-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 GOT5152T-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	15" XGA TFT LCD with LED backlight
	Brightness (cd/m²)	400 nits
	Resolution	1024 x 768
	Viewing Angel (H/V)	160°/140°
Main System	CPU	Intel® Atom™ processor D2550 1.86 GHz
	Chipset	Intel® NM10
	System Memory	1 x 204-pin DDR3 SO-DIMM max. up to 4 GB
	BIOS	AMI UEFI BIOS
	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	2 x RS-232 (COM 2/3) 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	387.9 mm (15.27") (W) x 54.6 mm (2.14") (D) x 307.7 mm (12.11") (H)
Packing Dimensions	510 mm (20.08") (W) x 105 mm (4.13") (D) x 385 mm (15.16") (H)
Weight (net/gross)	3.2 kg (7.05 lb)/5.1 kg (11.24 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°C; non-condensing Operation vibration: 2G, 5 ~ 500Hz, random for CompactFlash™
Certification	CE-EMC class A (GOT5152T-832) CE-EMC class B (GOT5152T-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

GOT5152T-832	15" XGA Intel® Atom™ D2550 fanless touch panel computer with terminal block connector
GOT5152T-832-J	15" XGA Intel® Atom™ D2550 fanless touch panelcomputer with screw type connector & AC-DC 60W power adapter
E225840102	Desktop stand

* Specification and certifications are based on options and may vary.
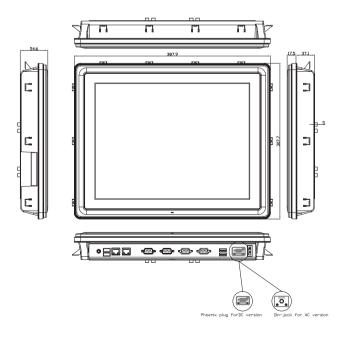
Optional EOS Installation

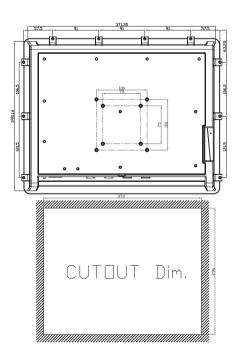| |
|---|
| WES |
| Windows® 7 Embedded |

Optional OS Installation

Windows® XP
Windows® 7

▲ Desktop stand

▲ AC power adapter (GOT5152T-832-J)

Dimensions

54.6

387.9

17.5 37.1

307.7

57.5 91 371.35 91 91 57.5

63.25

106.5

295.14

75

121.5

106.5

100 75

75 100

121.5

372

CUTOUT Dim.

295

Phoenix plug for DC version

Din-Jack for AC version

axiomtek.com

Mouser Electronics

Authorized Distributor

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