# GOT5100T-832

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

## Features

- 10.4" SVGA TFT LCD display with LED backlight
- Fanless design with Intel® Atom™ processor N2600 2 cores @1.6 GHz
- Supports WLAN module & internal antenna
- Supports 2 Gigabit LAN, 4 USB 2.0 & 2 COM ports
- Supports optional panel mount, wall mount, VESA arm and desktop stand
- Plastic and IP65-rated front bezel
- Supports RFID (optional)
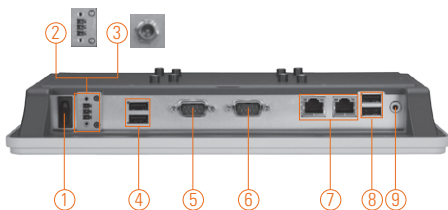
1. Power switch
2. Terminal block for DC power input
or 3. Screw conn. w/ AC power adapter
4. USB 2.0 x 2
5. COM 1 (RS-232/422/485)

6. COM 2 (RS-232)
7. Ethernet x 2
8. USB 2.0 x 2
9. Audio (Line-out)

▲ Side view

▲ Desktop stand

**Supports**
Intel Atom inside | Fanless | Low Power | DDR3 | AiRD | IP65

## Introduction

The GOT5100T-832 is a 10.4" 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 10.4" TFT LCD as well as Intel® Atom™ processor N2600 1.6 GHz. For wireless network connection, the GOT5100T-832 offers a PCIe Mini Card slot. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input (10~30VDC) with terminal block connector, and another is AC power adapter with screw type connector.

**Super slim & ultra lightweight design**
The GOT5100T-832 is a super slim touch panel computer for space-limited environment with its thickness of 45.8 mm and weight of 1.8 kg only, which make it installed everywhere.

**Built-in internal WLAN antenna**
The GOT5100T-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 GOT5100T-832 in a wireless LAN/GPRS/GSM /4G environments.

**Excellent thermal solution: aluminum back chassis**
With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5100T-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 | 10.4" SVGA TFT LCD |
| | Brightness (cd/m$^2$) | 400 nits |
| | Resolution | 800 x 600 |
| | Viewing Angel (H/V) | 140°/120° |
| Main System | CPU | Intel® Atom™ processor N2600 2 cores @1.6 GHz |
| | Chipset | Intel® NM10 Express |
| | System Memory | 1 x 204-pin DDR3 800/1066 MHz SO-DIMM up to 2 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 |

## Specifications

| | |
|---|---|
| I/O Connector | 1 x RS-232/422/485 (default RS-232, COM 1)<br>1 x RS-232 (COM 2)<br>2 x 10/100/1000Mbps Ethernet<br>4 x USB 2.0<br>1 x Audio (Line-out) |
| Expansion Interface | 1 x PCIe Mini Card |
| Touchscreen | Resistive type |
| Power Supply | 1. DC version: 10~30VDC with over-current protection fuse<br>2. AC version: 100-240V AC-DC 60W power adapter |
| Dimension | 292.5 mm (11.52") (W) x 45.8 mm (1.80") (D)<br>x 235.8 mm (9.28") (H) |
| Packing Dimensions | 415 mm (16.34") (W) x 100 mm (3.94") (D)<br>x 315 mm (12.4") (H) |
| Weight (net/gross) | 1.8 kg (3.96 lb)/3 kg (6.61 lb) |
| Environment | Operating temperature:<br>0° ~ +50°C (+32°F ~ +122°F)<br>(with W.T. DRAM/HDD in airflow condition)<br>0° ~ +45°C (+32°F ~ +113°F) (with W.T. DRAM/HDD)<br>Storage Temperature:<br>0° ~ +50°C (+32°F ~ +122°F) (in airflow condition)<br>Relative humidity:<br>20% ~ 90% @ 40°C; non-condensing<br>Operation vibration:<br>2G, 5~500Hz, random for CompactFlash™ |
| Certificate | UL60950-1, CE |

## Ordering Information

| | |
|---|---|
| GOT5100T-832-J | 8.4" SVGA fanless touch panel computer with Intel® Atom™ processor N2600, 5-wire resistive touch screen AC-DC 60W power adapter (screw type connector) and EMI class B |
| GOT5100T-832-DC | 8.4" SVGA fanless touch panel computer with Intel® Atom™ processor N2600, 5-wire resistive touch screen and 10~30VDC power input(terminal block connector) |

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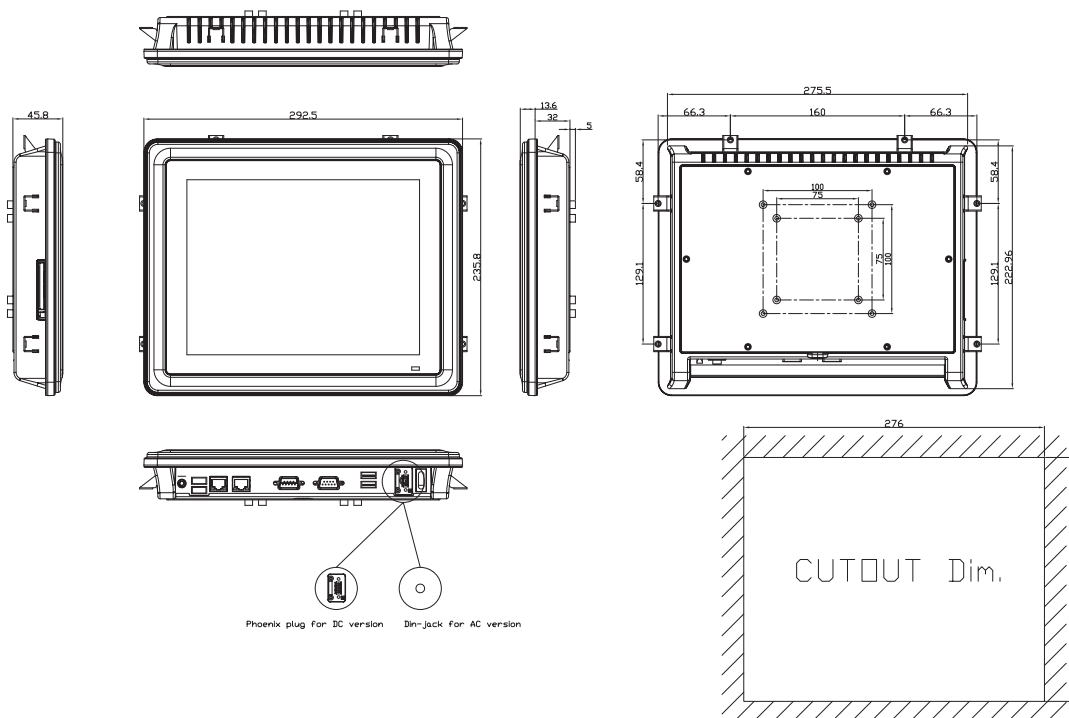
## Optional EOS Installation

| |
|---|
| WES |
| WES 7 |

## Optional OS Installation

| |
|---|
| Windows® XP |
| Windows® 7 |

▲ AC power adapter
(for GOT5100T-832-J)

## Dimensions



Phoenix plug for DC version    Din-Jack for AC version

CUT☐UT Dim.

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

axiomtek.com    © 2016 Axiomtek Co., Ltd. All rights reserved.    508