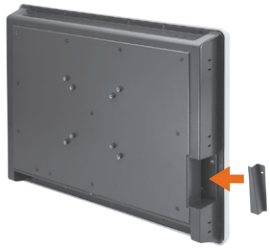
# GOT5152T-834

15" XGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor J1900

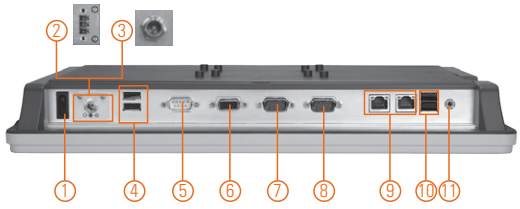
## Features

- 15" XGA TFT LCD display with LED backlight
- Fanless cooling system with Intel® Celeron® processor J1900
- WLAN module and internal antenna
- 2 GbE LAN, 4 USB and 3 COM
- PCI Express Mini Card for easy expansion
- Supports panel mount/wall mount/VESA arm
- Supports RFID (optional)
- Plastic and IP65-rated front bezel

▲ Side view



▲ CFast™ slot with protective cover



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-232/422/485)
6. VGA
7. COM 1 (RS-232/422/485)
8. COM 2 (RS-232/422/485)
9. Ethernet x 2
10. USB 3.0 x 2
11. Audio (Line-out)

Fanless | Low Power | DualView | DDR3L | AiRD | IP65

## Introduction

Axiomtek GOT5152-834 utilizes the fanless technology with Intel® J1900 quad cores CPU. Running Windows or Linux, this panel system provides great performance for many commercial and industrial applications. This slim design incorporates a 15" 420 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 PCI Express Mini Card. 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 (9 to36 VDC). Using an all industrial-grade IP-65 rated design, weighted 7 to 11 lbs (depending on configuration), this 15" fanless touch panel 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 Weight Design**

The GOT5152T-834 is a super slim touch panel computer for space-limited environment with its thickness of 54.6 mm and weight of 3.2 kg only, which make it installed everywhere.

**Built-in Internal WLAN Antenna**

The GOT5152T-834 provides 2 PCI Express Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN cards, customers can use the GOT5152T-834 in a wireless LAN/GPRS/GSM/4G environments.

**Aluminum Back Chassis with Excellent Thermal Solution**

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5152T-834 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/m$^2$) | 420 nits |
| | Resolution | 1024 x 768 |
| | Viewing Angel (H/V) | 160°/140° |
| Main System | CPU | Intel® Celeron® processor J1900 4 cores |
| | System Memory | 1 x 204-pin DDR3L-1333 MHz SO-DIMM, up to 8GB |
| | BIOS | AMI UEFI BIOS |
| | Storage | 1 x 2.5" 7/9.5mm SATA HDD<br>1 x CFast™ or mSATA |
| | Watchdog Timer | 255 levels, 0 to 255 sec. |
| | Onboard Graphics | Integrated in Intel® GFX |



Updated Feb. 18, 2019. * All specifications and photos are subject to change without notice.

## Specifications

| | |
|---|---|
| I/O Connector | 3 x RS-232/422/485 (default RS-232, COM 1/2/3)<br>1 x VGA<br>1 x Audio (Line-out)<br>2 x USB 2.0<br>2 x USB 3.0<br>2 x 10/100/1000 Mbps Ethernet (Intel® i210IT) |
| TPM | N/A |
| Expansion Interface | 1 x full-size PCI Express Mini Card slot with mSATA<br>1 x full-size PCI Express Mini Card slot with SIM |
| Touchscreen | Resistive type |
| Power Input | 1. DC version: 9 to36 VDC with over-current protection fuse<br>2. AC version: 100 to240 V AC-DC, 60W power adapter |
| Power Consumption | 36 W |
| Dimensions | 387.9 mm (15.27") (W) x 54.6 mm (2.14") (D)<br>x 307.7 mm (12.11") (H) |
| Packing Dimensions | 510 mm (20.08") (W) x 105 mm (4.13") (D)<br>x 385 mm (15.16") (H) |
| Weight (net/gross) | 3.2 kg (7.05 lb)/5.1 kg (11.24 lb) |
| Environment | Operating temperature:<br>0°C to+50°C (+32°F to+122°F) (with W.T. DRAM/HDD in airflow condition)<br>0°C to+45°C (+32°F to+113°F) (with W.T. DRAM/HDD)<br>Relative humidity: 20% to90% @ +40°C; non-condensing<br>Operation vibration: 2G, 5 to500 Hz, random for CFast™ |
| Certificate | CE |

* 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.

## Packing List

1 x GOT5152T-834
1 x Driver CD
1 x Adapter (GOT5152T-834-J)
1 x Panel mount kit
1 x Wall mount kit
1 x Phoenix connector (GOT5152T-834 DC)

## Ordering Information

| | |
|---|---|
| GOT5152T-834-J | 15" XGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B |
| GOT5152T-834-DC | 15" XGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, and 9 to36 VDC power input (terminal block connector) |

**Optional**

| | |
|---|---|
| Wi-Fi + Bluetooth kit | |
| Speaker kit | |
| E226171106 | Stand kit |
| 881251203A0E | RFID kit |

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## Optional EOS Installation

WES 7
WE8S
Windows 10 IoT Enterprise

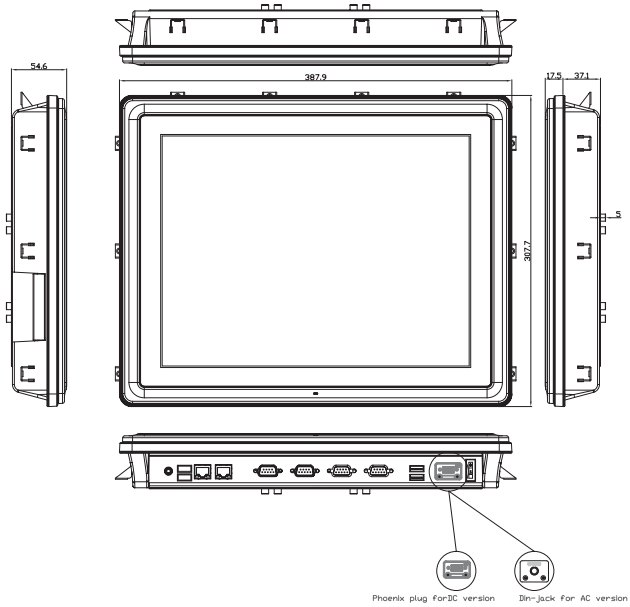
## Optional OS Installation

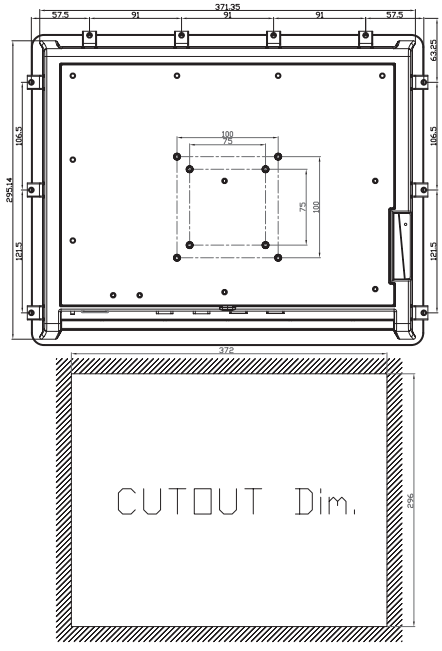
Windows® 7
Windows® 8.1
Windows® 10

▲ Desktop stand

▲ AC power adapter (GOT5152T-834-J)

## Dimensions





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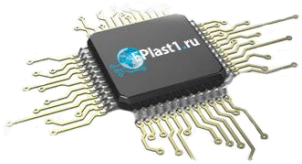
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.

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