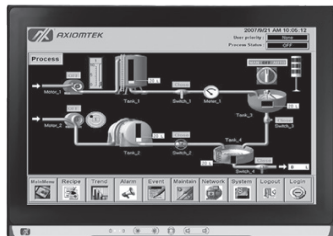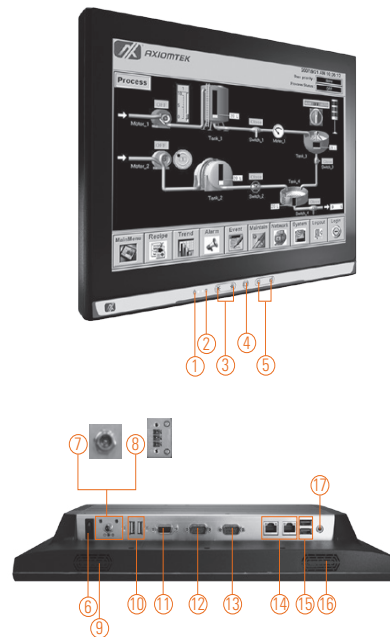# GOT5153W-834

15.6" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor J1900

Features

- 15.6" WXGA wide screen TFT LCD display with LED backlight
- 15.6" projected capacitive touch or 5-wire flat resistive touch
- Fanless design with Intel® Celeron® processor J1900
- 2.5" SATA HDD & CFast™ or mSATA
- 2 Gigabit LAN, 4 USB, 2 COM ports and speakers
- IP65 front bezel and IPX1 full enclosure
- Supports optional wall mount/VESA arm/desktop stand
- Supports optional RFID or smart card reader

▲ CFast™ cover

1. Power LED
2. HDD LED
3. Brightness adjust +/- (optional)
4. Display on/off (optional)
5. Volume adjust (optional)

6. Power switch (ATX)
7. Power input connector (Screw)
8. Power input connector (Phoenix)
9. Speaker
10. USB 2.0 x 2
11. VGA

12. COM 1 (RS-232/422/485)
13. COM 2 (RS-232/422/485)
14. Ethernet x 2
15. USB 3.0 x 2
16. Speaker
17. Audio (Line-out)

Fanless   Low Power   DDR3L   AiRD   IP65   DualView

Introduction

The GOT5153W-834 is a 15.6" Intel® Celeron®-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, sleek and fanless design and is equipped with a 15.6" TFT LCD as well as Intel® Celeron® processor J1900 4 cores (Bay Trail). For wireless network connection, the GOT5153W-834 offers 2 PCI Express Mini Card slots. By just plugging in a 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 (9–36VDC) with terminal block connector, and another is AC power adapter with screw type connector.

Slim & Lightweight Design

The GOT5153W-834 is slim and lightweight which make it fit for limited space installation.

Built-in Internal WLAN Antenna

The GOT5153W-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 card, customers can use the GOT5153W-834 in wireless LAN/GPRS/GPS/4G environment.

Support Front Membrane Keys (optional)

The GOT5153W-834 provides 5 optional membrane keys in front of system, people can adjust the system display, volume and brightness.
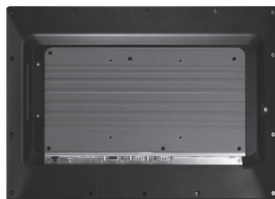
Specifications

Front Bezel		IP65, NEMA 4 rugged protection, plastic front bezel
LCD Panel	Display Type	15.6" WXGA TFT LCD withg LED backlight
	Brightness (cd/m^2)	300 nits
	Resolution	1366 x 768
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" SATA HDD 1 x CFast™ or mSATA
	Watchdog Timer	255 levels, 0–255 sec.
	Onboard Graphics	Integrated Intel® HD GFX

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

Specifications

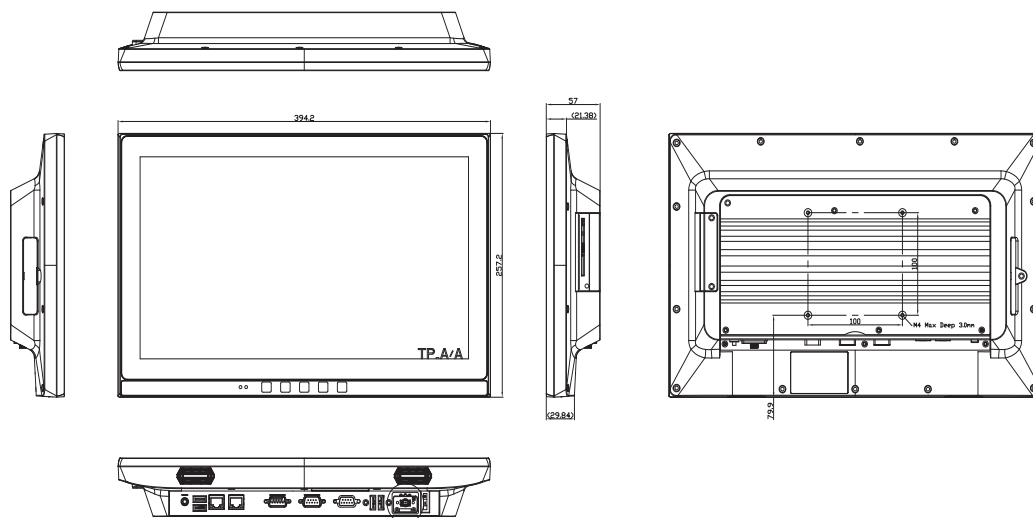|	
I/O Connector	2 x RS-232/422/485 (default RS-232, COM 1/2) 1 x Switch for power on/off 2 x USB 2.0 2 x USB 3.0 1 x VGA 1 x Audio (Line-out) 2 x 10/100/1000 Mbps Ethernet (Intel® i210IT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA slot 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Projected capacitive multi-touch 5-wire flat resistive touch
Power Supply	1. DC version: 9~36 VDC with over-current protection fuse 2. AC version: 100-240 V AC-DC, 60W power adapter
Power Consumption	36 W
Dimensions	394.2 mm (15.53") (W) x 57 mm (2.25") (D) x 257.2 mm (10.13") (H)
Packing Dimensions	510 mm (20.09") x 190 mm (7.48") x 540 mm (21.26")
Weight (net/gross)	3.0 kg (6.61 lb)/ 4.5 kg (9.92 lb)
Environment	Operating temperature: 0°C ~ +45°C (32°F ~ +113°F) w/RAM thermal kit Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 10 ~ 500Hz, random for CFast™
Certificate	CE

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

▲ Rear view

Ordering Information

GOT5153W-834-PCT-J	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, projected capacitive multi-touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5153W-834-FR-J	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire flat resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5153W-834-PCT-DC	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, projected capacitive multi-touch screen, and 9~36 VDC power input (terminal block connector)
GOT5153W-834-FR-DC	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire flat resistive touch screen, and 9~36 VDC power input (termincal block connector)
GOT5153W-834-PCT-J w/o OSD	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, projected capacitive multi-touch screen, w/o membrane keys, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5153W-834-FR-J w/o OSD	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire flat resistive touch screen, w/o membrane keys, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5153W-834-PCT-DC w/o OSD	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, projected capacitive multi-touch screen, w/o membrane keys, 9~36 VDC power input (terminal block connector)
GOT5153W-834-FR-DC w/o OSD	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire flat resistive touch screen, w/o membrane keys, 9~36 VDC power input (termincal block connector)

Optional EOS Installation

WES7
WE8S

Optional OS Installation

Windows® 7
Windows® 8.1

Dimensions

394.2
257.2
TP_A/A
57
(21.38)
(29.84)
73.9
100
100
M4 Max Deep 3.0mm

Phoenix plug for DC version   Din-jack for AC version

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Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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