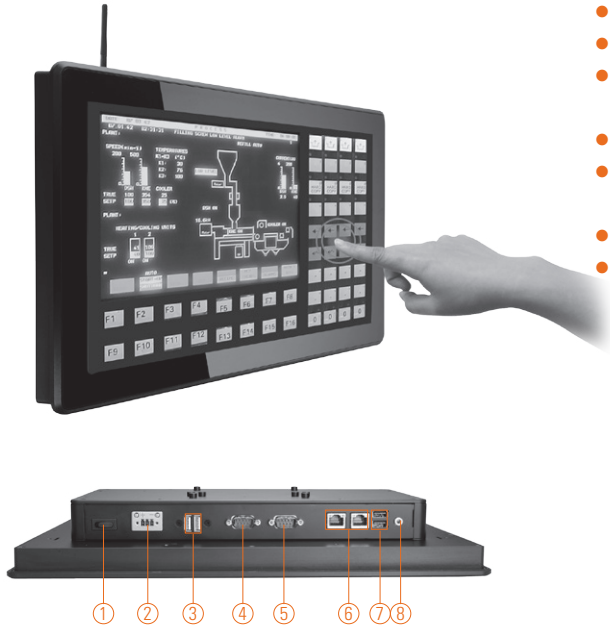# GOT3187W-834-PCT

18.5" WXGA TFT Multi-Touch Panel Computer with Intel® Celeron® Processor J1900 (-10°C ~ +50°C)

Features

- 18.5" WXGA wide screen with modulized design
- Multi-Touch 18.5" projected capacitive
- Fanless design with Intel® Bay Trail-D Processor J1900
- Supports 2.5" SATA HDD & CFast™ or mSATA
- Supports 3G, WLAN module & antennas (optional)
- Supports 2 Gigabit LAN, 2 USB 3.0, 2 USB 2.0 & 2 COM ports
- IP65 aluminum front bezel
- Supports panel mount and optional VESA arm/desktop stand/ wall mount
- Supports wide temperature range of -10°C ~ +50°C
- Adjust RS-232/422/485 setting via BIOS

▲ Modulized design

1. Power switch
2. Terminal block for DC power input
3. USB 2.0 x 2
4. COM 1 (RS-232/422/485)
5. COM 2 (RS-232/422/485)
6. Ethernet x 2
7. USB 3.0 x 2
8. Audio(Line-out)
9. CFast™ slot
10. Backlight switch
11. Brightness adjustment

▲ Rear view

Fanless	Low Power	Ext. Temp	DDR3	AiRD	IP65

Introduction

The GOT3187W-834-PCT adopts an 18.5-inch WXGA LCD and supports Intel® Bay Trail-D processor. By supporting a wide range operating temperature from -10°C to +50°C, it can be used in harsh environment. The rugged industrial panel PC supports low power Intel® Celeron® processor J1900. It also provides two PCIe mini card slots for 3G, wireless network connectivity. This 18.5" multi-touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

Wide Temperature Range Support
The Intel® Bay Trail-based GOT3187W-834-PCT applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a compact design for harsh environment.
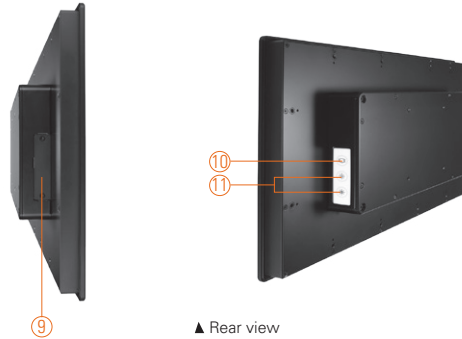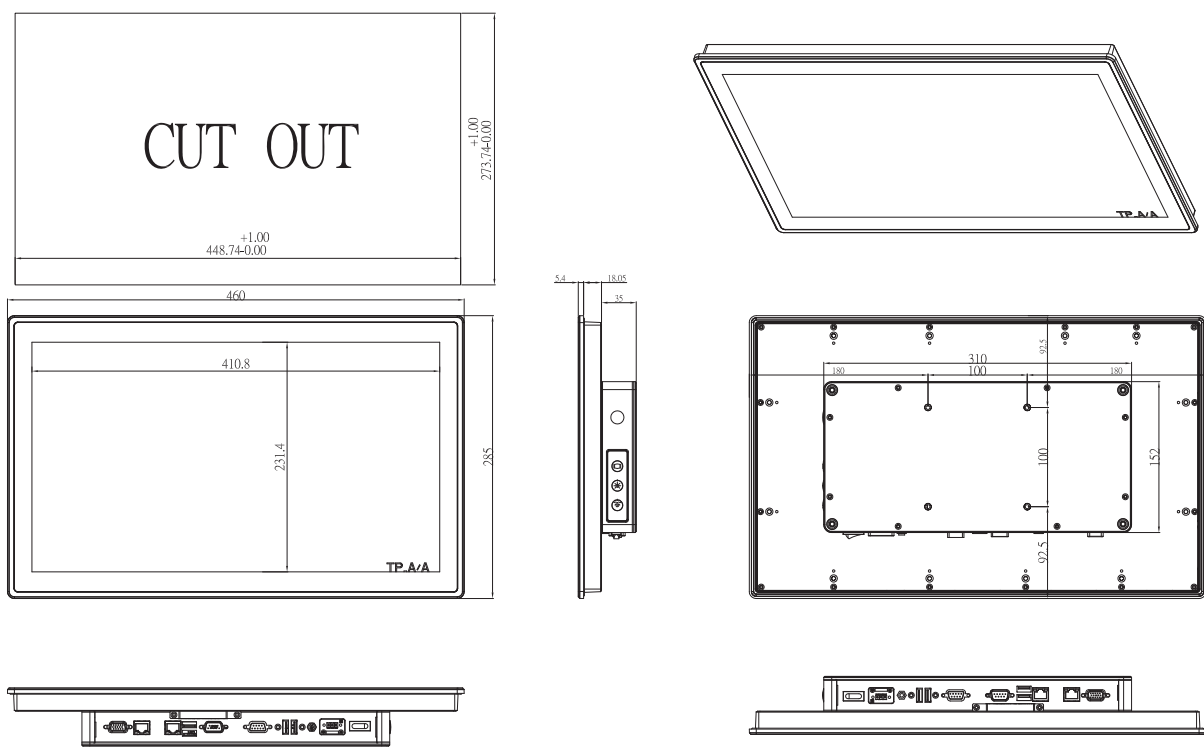
WALN Antenna Support (optional)
The 18.5" IP65 industrial panel PC, GOT3187W-834-PCT, provides two PCIe mini card slots and WLAN antennas for 3G and wireless network connectivity.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	18.5" WXGA TFT LCD
	Brightness (cd/m^2)	300 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Bay Trail-D Celeron® processor J1900 4C @2.0 GHz (up to 2.42 GHz)
	Chipset	SoC Intergrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM SO-DIMM max. up to 8 GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ or 1 x mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

Specifications

I/O Connector	2 x RS-232/422/485 (COM 1/2) 1 x Switch for power on/off (ATX) 1 x Audio (Line-out) 2 x USB 3.0, 2 x USB 2.0 2 x 10/100/1000Mbps Ethernet
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Projected capacitive multi-touch
Power Supply	1. DC version : 9~36VDC 2. AC version : 12VDC 60W adapter
Dimensions	460.8 mm (18.11") (W) x 58.5 mm (2.3") (D) x 285 mm (11.22") (H)
Packing Dimensions	600 mm (23.58") (W) x 195 mm (7.67") (D) x 500 mm (19.68") (H)
Weight (net/gross)	5.8 kg (12.8 lb)/8.2 kg (18.1 lb)
Environment	Operating temperature: -10°C ~ +50°C (+14°F ~ +122°F) Storage Temperature: -20°C ~ +60°C (-4°F ~ +140°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 10 ~ 500Hz, random for CFast™
Certificate	CE

Ordering Information

GOT3187W-834-PCT-J	18.5" WXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz (up to 2.42 GHz) quad core processor, projected capacitive multi-touch screen and AC-DC 12V power adapter (screw type connector)
GOT3187W-834-PCT-DC	18.5" WXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz (up to 2.42 GHz) quad core processor, projected capacitive multi-touch screen and 9~36VDC terminal block connector

Optional EOS Installation

WE8S
WES 7

Optional OS Installation

Windows® 8.1
Windows® 7

▲ Ideal for factory automation & self-service kiosk in retail

Dimensions

CUT OUT

+1.00
273.74-0.00

+1.00
448.74-0.00

460

410.8

231.4

285

5.4

18.05

35

310
100

180

180

92.5

100

152

92.5

TP-A/A

TP-A/A

Overview

Fanless
Touch Panel
Computers

2

Heavy-duty
Fanless Touch
Panel Computers

Industrial
Touch Panel
Computers

Industrial Touch
panel Monitors

Infotainment
Touch Panel
Computers

Healthcare
& Medical
Solutions

Open
Frame Panel
Computers

Accessories