

# GOT3187W-834-PCT

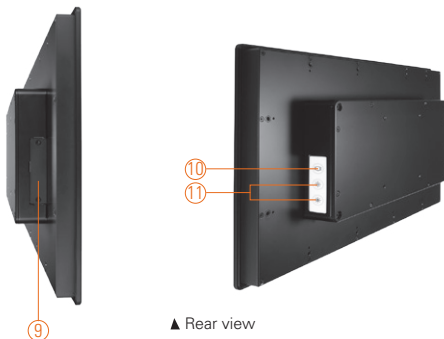
18.5" WXGA TFT Multi-touch Panel Computer with Intel® Celeron® Processor J1900 (-10°C to +50°C)

## Features

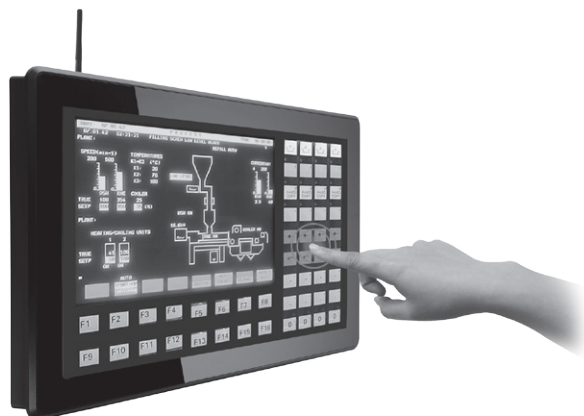
- 18.5" WXGA projected capacitive multi-touch wide screen
- Fanless and modularized design
- Intel® Celeron® processor J1900
- 2.5" SATA HDD & CFast™ or mSATA
- 3G, WLAN module & antennas (optional)
- 2 Gigabit LAN, 2 USB 3.0, 2 USB 2.0 & 2 COM ports
- IP65 aluminum front bezel
- Supports panel mount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



▲ Modularized design



▲ Rear view



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

## 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 2 PCI Express 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 well as fanless operation. It also has a compact design for harsh environment.

### WLAN Antenna Support (optional)

The 18.5" IP65 industrial panel PC, GOT3187W-834-PCT, provides 2 PCI Express 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 <sup>2</sup> )	350 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Celeron® processor J1900 4C @2.0 GHz
	Chipset	SoC Integrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM SO-DIMM, up to 8GB
	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 10/100/1000 Mbps Ethernet (Realtek RTL8111E)
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: 9-36 VDC 2. AC version: 12 VDC 60W adapter
Power Consumption	49 W
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 to +50°C (+14°F ~ +122°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 quad core processor, projected capacitive multi-touch screen and AC-DC 12 VDC power adapter (screw type connector)
GOT3187W-834-PCT-DC	18.5" WXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz quad core processor, projected capacitive multi-touch screen and 9-36 VDC 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

