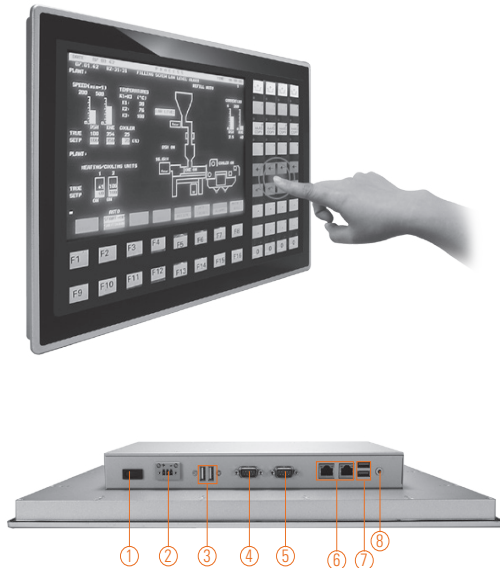


# GOT3187WL-834-PCT

18.5" WXGA TFT Multi-Touch Panel  
Computer with Intel® Celeron®  
Processor J1900 (0°C to +40°C)

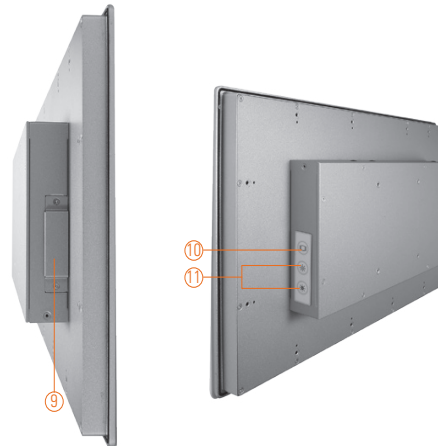
**NEW**



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

## Features

- 18.5" WXGA wide screen
- Multi-touch 18.5" projected capacitive
- Fanless design with Intel® Celeron® Processor J1900
- Supports 2.5" SATA HDD & CFast™ or mSATA
- Supports 3G, WLAN module & antennas (optional)
- Supports 2 Gigabit LANs, 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 0°C to +40°C
- Adjust RS-232/422/485 setting via BIOS



▲ Rear view



## Introduction

The GOT3187WL-834-PCT adopts an 18.5-inch WXGA LCD and supports Intel® Bay Trail-D processor. The Lite rugged industrial panel PC supports low power Intel® Celeron® processor J1900. It also provides two 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.

### 18.5-inch WXGA LCD with Projected Capacitive Multi-touch

The 18.5" WXGA touch panel PC supports 250 nits brightness and can display contents in HD resolution. With projected capacitive multi-touch screen, users can operate the device more directly and friendly. The hardness of touch glass surface is up to 7h for anti-scratch purpose.

### WLAN Antenna Supported (optional)

The IP65-rated industrial panel PC, GOT3187WL-834-PCT, provides two PCI Express Mini card slots and WLAN antennas for 3G and wireless network connectivity.

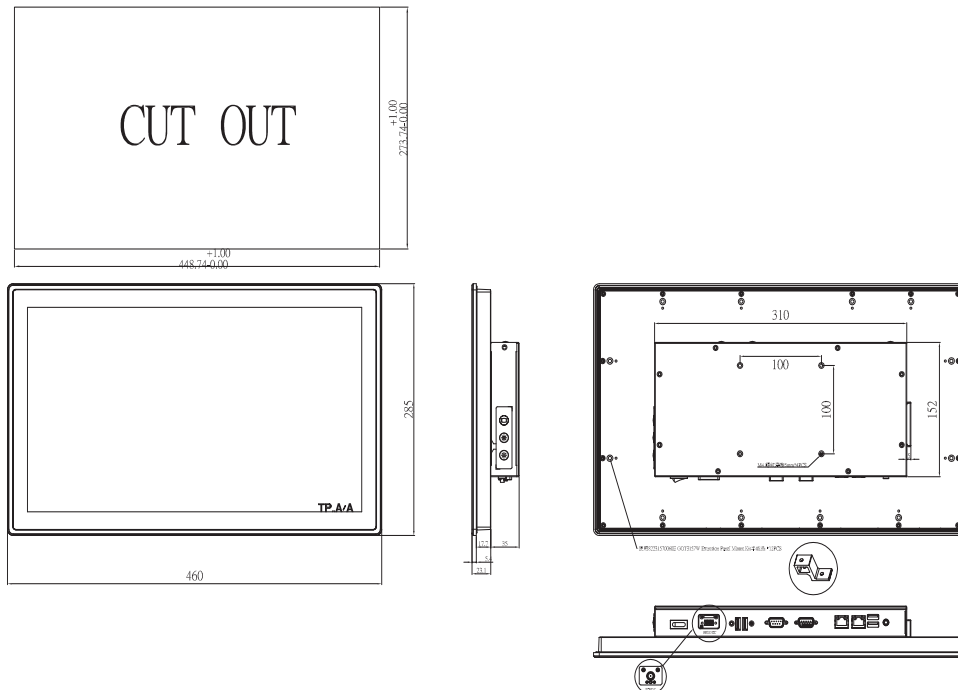
## Specifications

Front Bezel	IP65 front bezel		
LCD Panel	Display Type	18.5" WXGA TFT LCD	
	Brightness (cd/m <sup>2</sup> )	250 nits	
	Resolution	1366 x 768	
Main System	CPU	Intel® Celeron® processor J1900 4C @2.0 GHz (Bay Trail-D)	
	Chipset	SoC Integrated	
	System Memory	1 x 204-pin DDR3L-1333/1600 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 10/100/1000 Mbps 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: 12-36VDC 2. AC version: 12VDC 60W adapter
Power Consumption	48W
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: 0°C ~ +40°C (+32°F ~ +104°F) Storage temperature: -20°C ~ +60°C (-4°F ~ +140°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 1 G, 10 ~ 500 Hz, random for CFast™
Certificate	CE

## Dimensions



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

## Ordering Information

GOT3187WL-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 12V power adapter (screw type connector)
GOT3187WL-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 12-36VDC terminal block connector

## Optional EOS Installation

WE8S  
WES 7

## Optional OS Installation

Windows® 8.1  
Windows® 7



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



## 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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