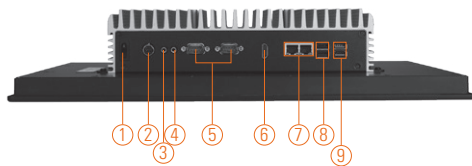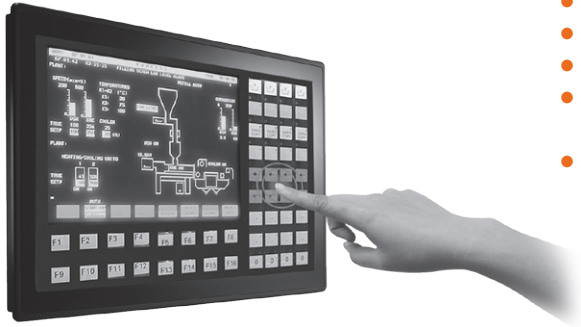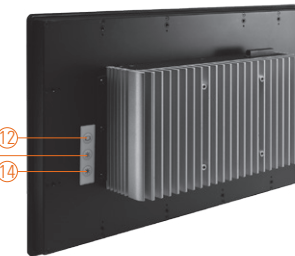# GOT3187W-881-PCT

18.5" WXGA TFT Fanless Multi Touch Panel Computer supports LGA1150 Socket 4th generation Intel® Core™ i7/ i5/ i3/ Celeron® processor (0°C ~ +40°C)
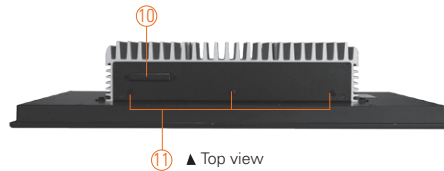
NEW

Features

- 18.5" WXGA wide screen with modulized design
- Multi touch 18.5" projected capacitive
- Fanless design supports LGA1150 Socket 4th Generation Intel® Core™ i7/i5/i3/Celeron processor
- Supports 2.5" SATA HDD, CFast card and mSATA
- Supports WLAN module & antenna (optional)
- Supports 2 Giga LAN, 2 USB 3.0, 2 USB 2.0 & 2 COM ports
- IP65 front bezel
- Supports panel mount and optional VESA arm/desktop stand/ wall mount
- Supports dual Express Mini card slots

▲ Rear view

▲ Top view

1. Power Switch (ATX)	6. HDMI output	11. For 3 x antennas
2. Power Input connector	7. Dual Giga Ethernet	12. LED Backlight Power On/off
3. Audio Line-out	8. 2 x USB 2.0	13. Brightness +
4. Audio MIC-in	9. 2 x USB 3.0	14. Brightness -
5. COM1/2 (RS-232/422/485)	10. CFast™ card slot	

DualView | Fanless | USB 3.0 | CFast™ | DDR3 | AiRD | IP65

Introduction

The GOT3187W-881-PCT adopts a 18.5-inch TFT LCD and supports LGA1150 Socket 4th generation Intel® Core™ i7/i5/i3/Celeron® processor that can support Windows® 7, Windows® 7 Embedded, Windows® 8, Windows® 8 Embedded and variety applications. This fanless platform has below abilities make it surely a robust and cost-effective solution.

Intel® Haswell H81 Platform

Support LGA1150 Socket Intel® Core™ i7/i5/i3/Celeron® processors. User can choose different processors for different applications. It also supports up to 8GB DDR3 1333/1600 MHz memory modules. There are rich I/O, such as dual PCIe mini card slot, 2.5" HDD bay, USB 3.0 port, RS-232/422/485, HDMI output. This platform is a power-efficient solution.

Reliable and Stable Design

The GOT3187W-881-PCT is a fanless cooling system, which makes it suitable for vibration environments, such as the industrial machinery markets. For high capacity storage requirement, GOT3187W-881-PCT can work under 1.2 G (10 ~ 500Hz, random for CFast card) in operation mode with a patent of anti-vibration design. The patent improves the system reliability and sustainability.

18.5 Inch WXGA TFT LCD with projected capacitive multi-touch

18.5 inch WXGA TFT LCD is with 300nits higher brightness and can displays contents in HD resolution. With projected capacitive multi-touch, users can operate more directly and friendly. The hardness of touch glass surface is up to 7h and is better for anti-scratch purpose.

Specifications

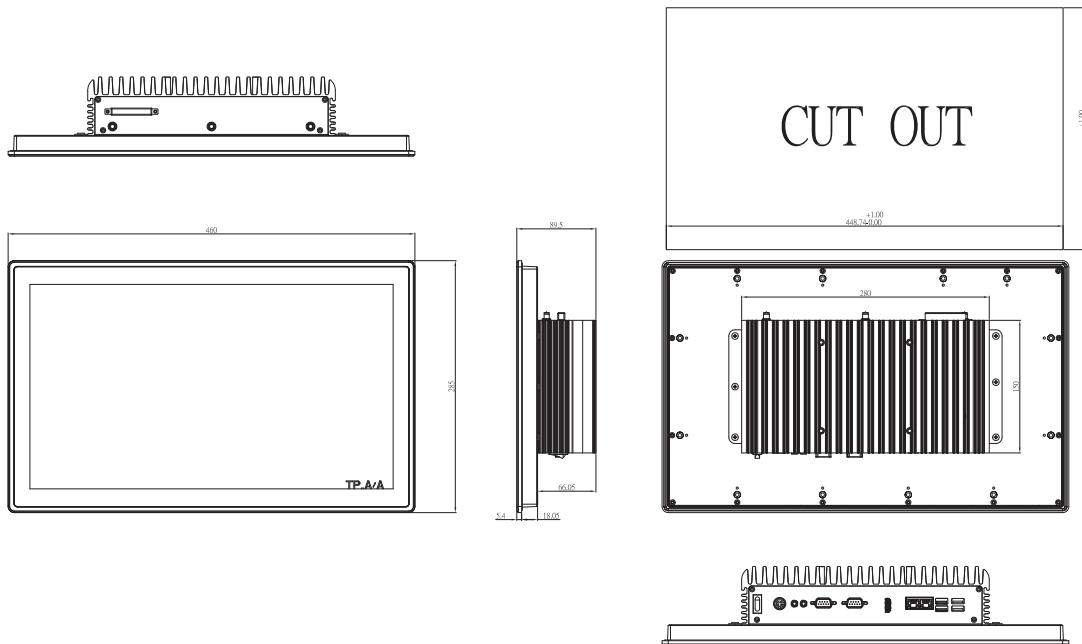|		
Front Bezel	IP65 front bezel	
LCD Panel	Display Type	18.5" WXGA TFT LCD
	Brightness (cd/m²)	300 nits
	Resolution	1366 x 768
Main System	CPU	LGA1150 Socket 4th generation Intel® Core™ i7/i5/i3/Celeron® processor
	Chipset	Intel® H81
	System Memory	1 x 204-pin DDR3 max. up to 8 GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast card and mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® GFX

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

Specifications

I/O Connector	2 x RS-3232/422/485 (COM1/2) 1 x Switch for power on/off (ATX) 2 x Audio (Line out & MIC-in) 2 x USB3.0, 2 x USB2.0 1 x HDMI out 2 x 10/100/1000Mbps Ethernet
Expansion Interface	2 x PCIe Mini Card slot
Touchscreen	Projected capacitive multi-touch
Power Supply	19VDC
Dimensions	460 mm (18.1") (W) x 89.5 mm (3.5") (D) x 285 mm (11.2") (H)
Packing Dimensions	600 mm (23.58") (W) x 19.5 mm (7.67") (D) x 500 mm (19.68") (H)
Weight (net/gross)	6.3 kg (13.9 lb) / TBD
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: 1.2G, 10 ~ 500Hz, random for CFast card
Certification	CE

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

* If the operation temperature is higher than 40°C, the wide temperature SSD/CFast card are recommended to be used on the device.

* If the operation temperature is higher than 45°C, the wide temperature DRAM is recommended to be used on the device.

Ordering Information

GOT3187W-881-PCT-NP	18.5" WXGA TFT Fanless PCAP multi-touch Panel Computer support Intel® LGA1150 socket, with 150W adapter

Optional EOS Installation

WE8S
WES 7

Optional OS Installation

Windows® 8.x
Windows® 7

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

Dimensions

460

285

89.5

66.05

5.4 18.05

CUT OUT

257.74+1.00/-0.00

448.74+1.00/-0.00

280

150

TP.A/A

Overview

Industrial Panel Computers & Monitors

2

Heavy-duty Fanless Touch Panel Computers

Digital Signage Solutions

Healthcare & Medical Solutions

Open Frame Panel Computers

Accessories

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

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