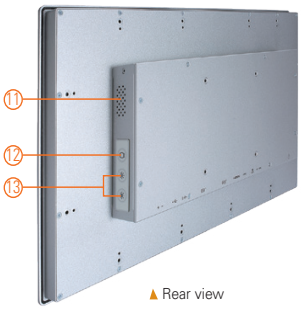
GOT318WL-845

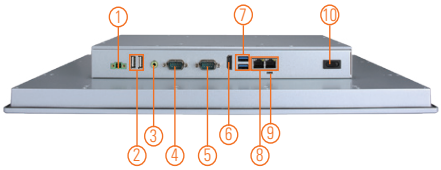
18.5" WXGA TFT Multi-touch Panel Computer with Intel® Pentium® Processor N3710 (0°C to +50°C)

Features

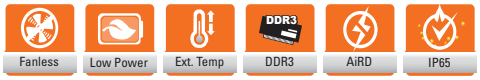
- 18.5" WXGA projected capacitive multi-touch wide screen/ Flat resistive touch (optional)
- Fanless design with Intel® Pentium® processor N3710
- 2.5" SATA HDD & mSATA
- 3G, WLAN module & antennas (optional)
- 2 GbE LANs, 2 USB 3.0, 2 USB 2.0 and 2 COM
- IP65 aluminum front bezel
- Supports panel mount and optional VESA arm/desktop stand/ wall mount
- Adjust RS-232/422/485 setting via BIOS



▲ Rear view



1. Terminal block for DC power input
2. USB 2.0 x 2
3. Audio (Line-out)
4. COM 1 (RS-232/422/485)
5. COM 2 (RS-232)
6. HDMI output
7. USB 3.0 x 2
8. Ethernet x 2
9. AT/ATX selectable switch
10. Power switch (ATX)
11. Speaker
12. Backlight switch
13. Brightness adjust +/-



Introduction

The GOT318WL-845 adopts a 18.5-inch WXGA LCD and supports Intel® Braswell processor. The Lite rugged industrial panel PC supports low power Intel® Pentium® processor N3710. 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, able to 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.

WALN Antenna Supported (optional)
The IP65-rated industrial panel PC, GOT318WL-845, 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/m²)	250 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Pentium® processor N3710 4C @ 1.6 GHz (Braswell)
	Chipset	SoC Integrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x mSATA
	Watchdog Timer	255 levels, 0 ~ 255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

Updated Jun. 07, 2018. * All specifications and photos are subject to change without notice.

Specifications

I/O Connector	1 x RS-232 (COM 2) 1 x RS-232/422/485 (COM 1) 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 (Intel® i217LM & i210AT)
Expansion Interface	1 x full-size PCI Express Mini Card slot with mSATA 1 x full-size PCI Express Mini Card slot with SIM
Touchscreen	Projected capacitive multi-touch / Flat resistive touch (optional)
Power Supply	DC version: 24 VDC
Power Consumption	48 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: 0°C ~ +50°C (+32°F ~ +122°F) Relative humidity: 20% ~ 90% @ +40°C; non-condensing Operation vibration: 1G, 10 ~ 500 Hz, random for 2.5" SATA HDD
Certificate	CE

Ordering Information

GOT318WL-845-PCT-DC	18.5" WXGA TFT fanless touch panel computer with Intel® Pentium® N3710 1.6 GHz quad core processor, projected capacitive multi-touch screen and 24 VDC terminal block connector

Optional Accessories

82231770050E	GOT3177T-834 wall mount kit
50966D45000E	Adaptor 24V 120W, wire only, LTE120ES-S4-1

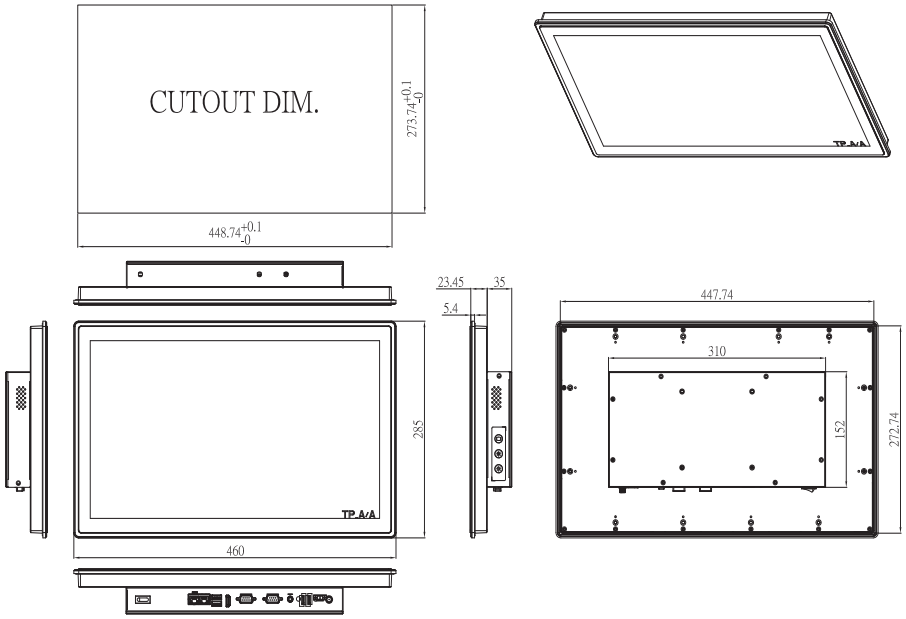
Optional EOS Installation

Windows® 10 IoT Enterprise (64-bit)

Optional OS Installation

Windows® 10 (64-bit)

Dimensions



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