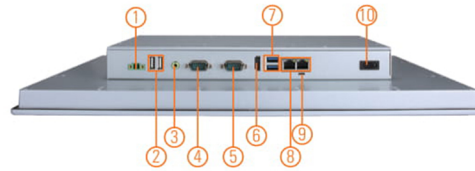
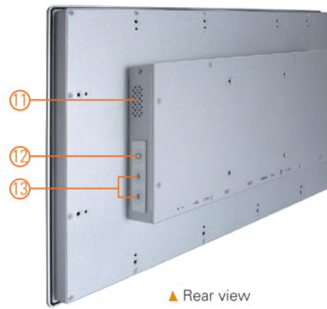


# GOT318WL-845-PCT

18.5" WXGA TFT Multi-touch Panel Computer with Intel® Pentium® Processor N3710

## Features

- 18.5" WXGA multi-touch projected capacitive widescreen or 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-rated aluminum front bezel
- Supports panel mount and VESA mount (VESA arm/desktop stand/wall mount optional)
- Adjustable RS-232/422/485 setting via BIOS



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



## Introduction

The GOT318WL-845 adopts an 18.5-inch WXGA LCD and 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 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/m <sup>2</sup> )	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 (9.5 mm height) 1 x mSATA	
	Watchdog Timer	255 levels, 0 to 255 sec.	
	Onboard Graphics	Integrated Intel® HD Graphics	

## Specifications

I/O Connector	1 x RS-232 1 x RS-232/422/485 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® i211-AT)
TPM	N/A
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/5-wire flat resistive touch (optional)
Power Supply	DC version: 24 VDC
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)
Operating Temperature	0°C to +50°C (+32°F to +122°F)
Relative Humidity	20% to 90% @ +40°C; non-condensing
Operation Vibration	1G, 10 - 500 Hz, random for 2.5" SATA HDD
Certifications	CE

## Packing List

1 x GOT318WL-845  
1 x Driver CD  
1 x Phoenix connector  
1 x Panel mount kit

## Ordering Information

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

Wi-Fi	
4G	
82231770050E	GOT3177T-834 wall mount kit
50906D24000E	Adaptor 24V/120W, wire only, FSP120-AAAN3

\* Specifications and certifications may vary based on different requirements.

## Optional EOS Installation

Windows® 10 IoT Enterprise

## Optional OS Installation

Windows® 10

## Dimensions

