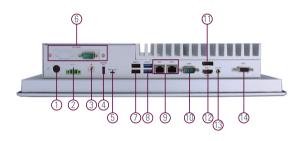
# GOT318W-521

18.5" FHD TFT Multi-touch Panel Computer with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W)







- 1. Power button
- 2. Phoenix small type connector
- 3. Grounding hole
- 4. Remote power switch
- 5. AT/ATX switch
- 6. Optional flexible I/O (default 1 x RS-232)
- 7. 2 x USB 2.0

- 8. 2 x USB 3.0
- 9. 2 x LAN
- 10. 1 x COM for RS-232/422/485
- 11. 1 x DP
- 12. 1 x HDMI
- 13. 1 x Line-out
- 14. 1 x VGA







DDR4



USB 3.0



#### **Features**

- 18.5" FHD projected capacitive multi-touch or 5-wire resistive touch
- Fanless design with LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor
- Supports WLAN module and antenna (optional)
- 2.5" SATA HDD/SSD
- 2 LAN, 4 USB, 2 COM, 1 HDMI, 1 DisplayPort, and 1 VGA
- IP65-rated aluminum front bezel
- Supports panel mount, VESA mount, and wall mount

#### Introduction

The GOT318W-521 is a fanless panel PC with 18.5-inch FHD LCD and supports LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W). It also provides M.2 Key E and PCI Express Mini Card slots for add-on devices such like Wi-Fi module for factory automation and oil pipe monitoring system.

#### 18.5-inch FHD LCD with PCT or Resistive Touch

The 18.5" FHD touch panel PC supports 500 nits brightness to display contents in FHD resolution. With projected capacitive multi-touch screen or 5-wire resistive touch, users can operate the device directly and friendly. The touch glass surface is up to 3H for anti-scratch purpose.

## **Specifications**

Specifications			
Front Bezel	IP65 front bezel		
LCD Panel	Display Type	18.5" FHD TFT LCD	
	Brightness (cd/m²)	500 nits	
	Resolution	1920 x 1080	
Main System	CPU	LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor	
		(up to 35W)	
	Chipset	Intel® H310	
	System Memory	1 x 260-pin DDR4-2666/2400 SO-DIMM, up to 32GB	
	BIOS	AMI UEFI BIOS	
	Storage	1 x mSATA	
		1 x 2.5" SATA HDD/SSD (7 mm and 9.5 mm height; removable)	
	Watchdog Timer	255 levels, 0 to 255 sec.	
	Onboard Graphics	Intel® integrated Gfx graphic engine	
I/O Connector	1 x 9-pin D-sub Male for RS-232		
	1 x COM for RS-232/422/485		
	2 x RJ-45 GbE		
	2 x USB 3.0, 2 x USB 2.0		
	1 x Phoenix type connector for DC power input 1 x Switch for power on/off (ATX)		
	1 x Line-out		
	1 x HDMI		
	1 x DisplayPort		
	1×VGA		
	1 x Remote power switch		
	1 x AT/ATX switch (DC type only)		
	1 x Grounding hole (DC version)		
TPM	TPM 2.0		
Expansion Interface	1 x Full-size PCI Express Mini Card slot (PCIe + SATA + USB)		
	1 x M.2 Key E 2230 (for Wi-Fi)		
Touchscreen	Projected capacitive multi-touch		
	5-wire resistive touch		
Power Supply	+12V/+19V/+24VDC		
	1x Terminal block		
Power Consumption	120W		
Dimensions (W x D x H)	460.8 x 77 x 285 mm (18.11" x 3.04" x 11.22")		
Packing Dimensions (W x D x H)	605 x 200 x 505 mm (23.81" x 7.87" x 19.88")		
Weight (net/gross)	7.8 kg (17.2 lb)/10.2 kg (22.5 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 to 500 Hz, random for 2.5" SATA HDD		
Certifications	CE, EN 61000-6-2, EN 61000-6-4		

## **Ordering Information**

GOT318W-521-PCT-DC	18.5" FHD TFT fanless touch panel computer with LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron®	
(P/N: E22B318104)	processor (up to 35W), projected capacitive multi-touch screen, and 24 VDC terminal block with small Phoenix connector	
GOT318W-521-R-DC	18.5" FHD TFT fanless touch panel computer with LGA1151 9th/8th gen Intel® Pentium® Gold or Intel® Celeron® processor	
(P/N: E22B318105)	(up to 35W), 5-wire resistive touch screen, and 24 VDC terminal block with small Phoenix connector	

<sup>\*</sup> Other configuration by request
\* Specification and certifications may vary based on different requirements

### **Packing List**

1 x GOT318W-521

1 x Phoenix connector

1 x Panel mount kit

#### **Optional Accessories**

4G LTE kit	
Wi-Fi kit	
E29R131114	Wall mount kit
509000001500	Adaptor 24V/120W, wire only, FSP120-AAAN3
594K6220210E	Remote power cable, L=720 mm

## **Optional EOS Installation**

Windows® 11/10 IoT Enterprise

### **Optional OS Installation**

Windows® 11/10

#### **Dimensions**

