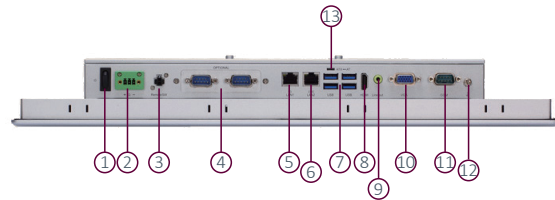


# GOT318A-ELK-WCD

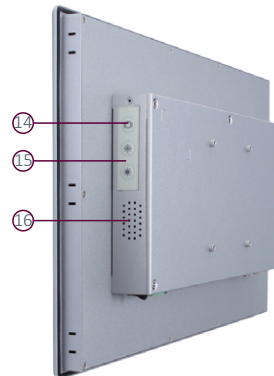
18.5" FHD TFT Multi-touch Panel Computer with Intel® Celeron® Processor J6412



- |   |                                |                             |
|---|--------------------------------|-----------------------------|
| 1. Power button                         | 6. 1 x 2.5GbE LAN              | 12. Grounding hole          |
| 2. DC power input                       | 7. 4 x USB 3.2 Gen2            | 13. AT/ATX switch           |
| 3. Remote power switch                  | 8. 1 x HDMI                    | 14. Backlight on/off        |
| 4. Flexible I/O<br>(default 2 x RS-232) | 9. 1 x Line-in/out             | 15. Brightness settings +/- |
| 5. 1 x 1GbE LAN                         | 10. 1 x VGA                    | 16. Speaker                 |
|   | 11. 1 x COM for RS-232/422/485 |                             |



▲ Side view



▲ Rear view



Fanless



IP65



Triple-View



DDR4



USB 3.2 Gen2

## Features

- 18.5" FHD projected capacitive multi-touch widescreen
- Fanless design with Intel® Celeron® processor J6412 (Elkhart Lake)
- Supports WLAN module and antenna (optional)
- Operating temperature: -10°C to +50°C
- 2 LAN, 4 USB, 1 COM, 1 HDMI, and 1 VGA
- IP65-rated aluminum front bezel
- Supports panel mount, VESA mount, desktop stand, and wall mount

## Introduction

The GOT318A-ELK-WCD is a multi-touch fanless panel PC with 18.5-inch FHD LCD and supports Intel® Celeron® processor J6412. It provides M.2 Key E and PCI Express Mini Card slots for add-on devices such as Wi-Fi module.

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

The GOT318A-ELK-WCD supports 350 nits of brightness, able to display contents in FHD resolution. With projected capacitive multi-touch screen, users can operate the device more directly and friendly. The touch glass surface is up to 3H for anti-scratch purpose.



## Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	18.5" FHD TFT LCD
	Brightness (cd/m <sup>2</sup> )	350 nits
	Resolution	1920 x 1080
Main System	CPU	Intel® Celeron® processor J6412 (TDP 12W) (Elkhart Lake)
	Chipset	SoC integrated
	System Memory	1 x 260-pin DDR4 2133/2400/2666/3200 SO-DIMM, up to 32GB
	BIOS	AMI UEFI BIOS
	Storage	1 x mSATA
		1 x Removable 2.5" SATA SSD (7 mm or 9.5 mm height)
	Watchdog Timer	255 levels, 0 to 255 sec.
Onboard Graphics	Integrated with Intel® UHD Graphics	
I/O Connector	1 x Flexible I/O (default 2 x RS-232) 1 x COM for RS-232/422/485 1 x RJ-45 2.5Gb Base-T Ethernet (Intel® I226-LM with TSN) 1 x RJ-45 1Gb Base-T Ethernet (Intel® I210-AT) 4 x USB 3.2 Gen2 (10 Gbps) 1 x Phoenix type connector for DC power input 1 x Switch for power on/off (ATX) 1 x Line-in/out 1 x HDMI (4K60Hz YCbCr420) 1 x VGA 1 x Remote power switch 1 x AT/ATX switch (DC type only) 1 x Grounding hole (DC version)	
TPM	dTPM 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	
Power Supply	9 to 36 VDC with terminal block	
Power Consumption	68.4W (Maximum)	
Dimensions (W x D x H)	475 x 59.4 x 302 mm (18.7" x 2.3" x 1.89")	
Packing Dimensions (W x D x H)	605 x 200 x 505 mm (23.81" x 7.87" x 19.88")	
Weight (net/gross)	5.91 kg (13.02 lb)/7.95 kg (17.52 lb)	
Operating Temperature	-10°C to 50°C (+14°F to +122°F)	
Relative Humidity	20% to 90% @ +40°C; non-condensing	
Operation Vibration	1G, 5 to 500Hz, random for 2.5" SATA SSD	
Certifications	CE, EN 61000-6-2, EN 61000-6-4, and FCC Class A	

## Ordering Information

GOT318A-ELK-WCD (P/N: E22B318A00)	18.5" FHD TFT fanless touch panel computer with Intel® Celeron® processor J6412, projected capacitive multi-touch screen, and 9 to 36 VDC terminal block with small Phoenix connector
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\*Other configuration by request

\*\*Specification and certifications may vary based on different requirements

## Packing List

1 x GOT318A-ELK-WCD  
 1 x Phoenix connector  
 1 x Panel mount kit



## Optional Accessories

4G LTE kit	
Wi-Fi kit	
RFID kit	
Barcode scanner kit	
E29R131114	Wall mount kit
509000001500	AC to DC adapter 24V 120W wire type
E392902103	AX92902 full-size PCI Express Mini Module with Gigabit LAN
E392903102	AX92903 full-size PCI Express Mini Module with CAN Bus
E392906101	AX92906 full-size PCI Express Mini Module with 2 COM

## Optional EOS Installation

Windows® 10 IoT, Windows® 11 IoT

## Optional OS Installation

Windows® 10, Windows® 11, and Linux

## Dimensions

