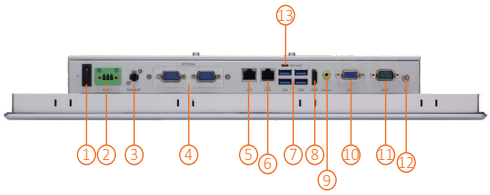
GOT318A-ELK-WCD NEW

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

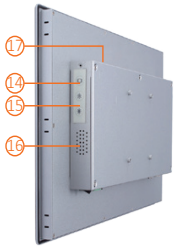


1. Power button
2. DC power input
3. Remote power switch
4. Flexible I/O (default 2 x RS-232)
5. 1 x 1GbE LAN
6. 1 x 2.5GbE LAN
7. 4 x USB 3.2 Gen2
8. 1 x HDMI
9. 1 x Line-in/out
10. 1 x VGA
11. 1 x COM for RS-232/422/485
12. Grounding hole
13. AT/ATX switch
14. Backlight on/off
15. Brightness settings +/-
16. Speaker
17. 3 x Wireless antenna hole

Features

- 18.5" FHD projected capacitive multi-touch widescreen
- Fanless design with Intel® Celeron® processor J6412 (Elkhart Lake)
- Supports WLAN module and antenna (optional)
- 2.5" SATA SSD
- 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
- Supports proximity and ambient light sensors (optional)

Fanless IP65



▲ Rear View

▲ Side View

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 7H for anti-scratch purpose.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	18.5" FHD TFT LCD
	Brightness (cd/m^2)	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 2.5" SATA SSD (7 mm and 9.5 mm height; removable)
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated with Intel® UHD Graphics

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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 1.4 (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	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
Power Supply	9 to 36VDC 1 x Terminal block
Power Consumption	68.4W (Maximum)
Dimensions	475 mm (18.7 ") (W) x 59.4 mm (2.3") (D) x 302 mm (11.89") (H)
Packing Dimensions	605 mm (23.81") (W) x 200 mm (7.87") (D) x 505 mm (19.88") (H)
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

*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	
881231770A0E	Wall mount kit
509000001500	Adaptor 24V/120W, wire only, FSP120-AAAN3
E392902101	AX92902+AX93287 full-size PCI Express Mini Module with Gigabit LAN
E392903100	AX92903 full-size PCI Express Mini Module with CAN Bus
E392904101	AX92904 full-size PCI Express Mini Module with 32-bit DIO

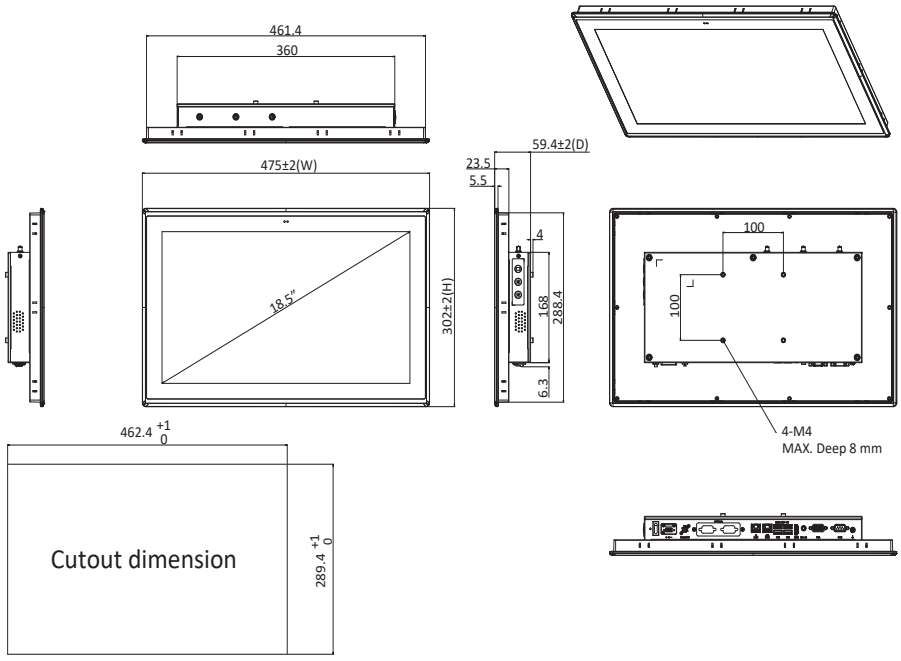
Optional EOS Installation

Windows® 10 IoT, Windows® 11 IoT

Optional OS Installation

Windows® 10, Windows® 11, and Linux

Dimensions



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