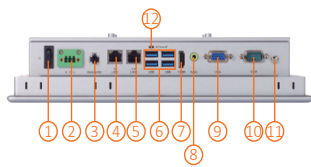


# GOT312A-ELK-TCD NEW

12.1" XGA TFT Multi-touch Panel Computer with Intel® Celeron® Processor J6412



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|------------------------|--|
| 1. Power button        | 9. VGA                                       |
| 2. DC power input      | 10. COM (RS-232/422/485)                     |
| 3. Remote power switch | 11. Grounding hole                           |
| 4. GbE LAN             | 12. AT/ATX switch                            |
| 5. 2.5GbE LAN          | 13. Backlight on/off                         |
| 6. 4 x USB 3.2 Gen2    | 14. Brightness settings +/-                  |
| 7. HDMI                | 15. Speaker                                  |
| 8. Audio               | 16. 2 x DB-9 half-cuts for RS-232 (optional) |

## Features

- 12.1" XGA projected capacitive multi-touch widescreen
- Fanless design with Intel® Celeron® processor J6412
- 2 LAN, 4 USB, HDMI, VGA, and COM (RS-232/422/485)
- IP65-rated aluminum front bezel
- Supports WLAN module and antenna (optional)
- Operating temperature: -10°C to +50°C
- Supports wall mount, panel mount, VESA mount, and desktop stand



▲ Rear view



▲ Side view

## Introduction

The GOT312A-ELK-TCD is a fanless, multi-touch panel PC featuring a 12.1-inch XGA LCD display and supporting the Intel® Celeron® processor J6412. Additionally, it offers M.2 Key E and PCI Express Mini Card slots for accommodating add-on devices such as Wi-Fi modules for factory automation and oil pipe monitoring systems.

The 12.1-inch XGA LCD display boasts 500 nits brightness and can render content in XGA resolution. Equipped with a projected capacitive multi-touch screen, users can interact with the device more intuitively and efficiently. The touch glass surface is designed to withstand scratches, with a hardness rating of up to 7H.

## Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	12.1" XGA TFT LCD
	Brightness (cd/m <sup>2</sup> )	500 nits
	Resolution	1024 x 768
Main System	CPU	Intel® Celeron® processor J6412 (10W TDP) (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 or 9.5 mm height; removable)
	Watchdog Timer	255 levels, 0 to 255 sec.
Onboard Graphics	Integrated with Intel® UHD Graphics	

I/O Connector	2 x DB-9 half-cuts for RS-232 (optional) 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 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	60.3W (Maximum)
Dimensions	304.3 mm (11.98") x 59.4 mm (2.3") x 244.4 mm (9.62")
Packing Dimensions	518 mm (20.39") x 194 mm (7.63") x 548 mm (21.57")
Weight (net/gross)	3.154 kg (6.95 lb)/5.476 kg (12.07 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

GOT312A-ELK-TCD (P/N: E22B312A00)	12.1" XGA 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 GOT312A-ELK-TCD 1 x Phoenix connector 1 x Panel mount kit
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### 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
882B315A1A0E	Panel mount kit

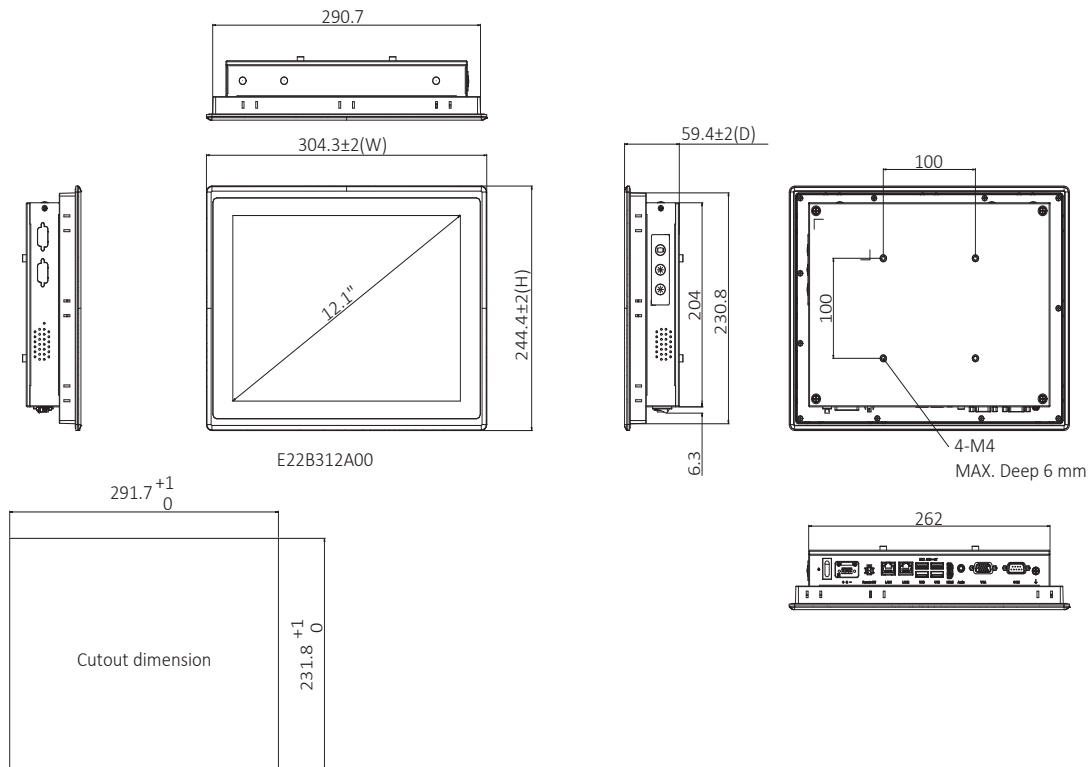
### Optional EOS Installation

Windows® 10 IoT, Windows® 11 IoT

### Optional OS Installation

Windows® 10, Windows® 11, and Linux

### Dimensions



## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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