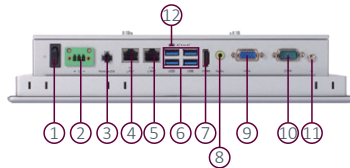


# GOT312A-ELK-TCD NEW

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



▲ Rear view



- |                        |  |
|------------------------|--|
| 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) |



▲ Side view



Fanless



IP65



Triple-View



DDR4



USB 3.2 Gen2

## 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

## 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 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	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 (4K 60Hz 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	60.3W (Maximum)	
Dimensions (W x D x H)	304.3 x 59.4 x 244.4 mm (11.98" x 2.3" x 9.62")	
Packing Dimensions (W x D x H)	518 x 194 x 548 mm (20.39" x 7.63" x 21.57")	
Weight (net/gross)	3.15 kg (6.95 lb)/5.48 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



## 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

E29R131112 Panel mount kit

## Optional EOS Installation

Windows® 10 IoT, Windows® 11 IoT

## Optional OS Installation

Windows® 10, Windows® 11, and Linux

## Dimensions

