



Features:

- Rugged & compact, fanless designed box structure;
- On-board Intel Elkhart Lake J6412 Quad-core processor;
- Single DDR4 memory, up to 32GB, 1* M.2 2280 storage slot;
- Wide DC 9~36V power input;
- 4 GbE (3 support PoE functional), optional wireless expansions;
- 2 USB3.0, 4 USB2.0, 1 HDMI, 1 VGA, 2 COM;
- 1 M.2 2230 E-key for Wi-Fi, 1 Mini-PCle for 4G expansion;
- Industrial operating -20 ~ +70°C temp. range.

Specification

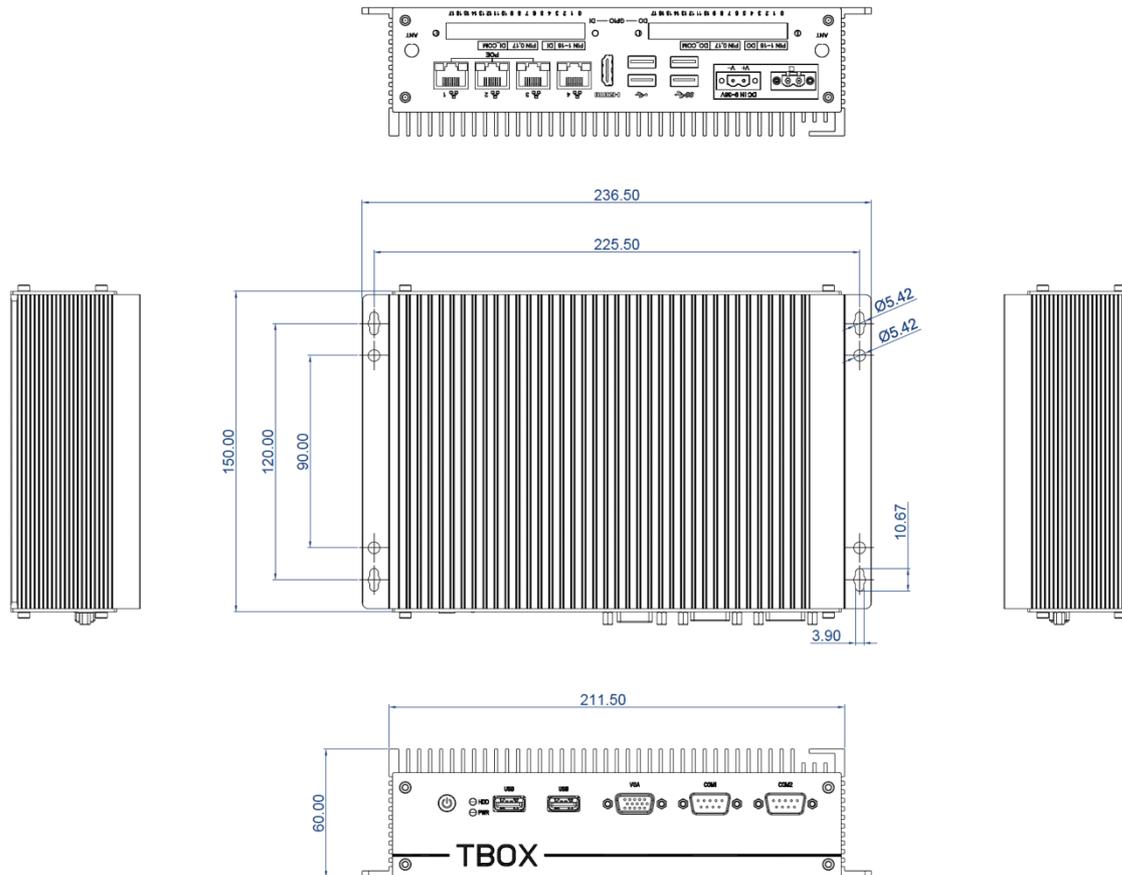


System	BIOS CPU CPU Ghz TDP Memory Storage Graphic Network Audio Expansion Watchdog Operating system	SPI AMI EEI BIOS Intel Elkhart Lake J6412 processor Quad-core, four threads, 2.0Ghz, burst to 2.6Ghz 10W SO-DIMM, DDR4-2666/2933/3200 Mhz, Single slot, Max. up to 32GB 1* M.2 M-Key 2242/2280 SATA slot SSD, Optional support 1* 2.5" SATA III SSD Intel UHD Graphics for 10 th Gen. Intel Processors LAN 1~LAN3: Intel I210AT; LAN4: I225V On-board Realtek ACL269 Audio controller 1* M.2 E-Key 2230 slot, 1* Full length Mini-PCle expansion slot 0 ~ 256 seconds programmable Win10, Win11, Linux
IO interface	Serial port Ethernet USB Display Power input GPIO	COM1: RS232; COM2: RS485 4* RJ45, 10/100/1000 Mbps, LAN1~LAN3 support PoE 802.3AF (Single port max. up to 15.4W, total less than 45W); LAN4 support standard 10/100/1000 Mbps 2* USB3.0, 4* USB2.0, 1* HDMI, 1* VGA 1* 2 pin, phenix terminal 32* GPIO (16* DI, 16* DO, with isolated) [TBOX-3E00D model]
Structure	Box structure and surface Color Mount method Cooling system Indicator & Button Dimension Net weight	Aluminum alloy, anodizing and anti-scratch treatment Black + Silver Desktop, wall mount Big Finned aluminum heatsinks, fanless design Power switch, Power LED, HDD LED 236.5 * 150.0 * 60.0 (mm) About 1.6 KG
Power & Environmental	Operating temp. Storage temp. Humidity Vibration Shock Power input Certificate	-20 ~ + 70 (°C) -40 ~ + 80 (°C) 10 ~ 95% @ 10C (No condensation) 50 ~ 500 Hz, 1.5G, 0.15mm peak to peak 10G/Peak (11 ms) DC 9~36V CE/FCC/ROHS

TBOX-3E00

Dimension

DIMENSIONAL DRAWING:TBOX-3EX0



DIMENSIONS IN MILLIMETERS

DATE:2022.03.19

REV:A	Unit:mm
-------	---------

Ordering information

Part no.	Description
TBOX-3E00	Intel Elkhart Lake J6412 Quad-core processor, 4 GbE, 2 USB3.0, 4 USB2.0, 2 COM, 1 HDMI, 1 VGA, DC 9~36V, No GPIO, PSU
TBOX-3E00D	Intel Elkhart Lake J6412 Quad-core processor, 4 GbE, 2 USB3.0, 4 USB2.0, 2 COM, 1 HDMI, 1 VGA, ADC 9~36V, 32 GPIO , PSU
Optional Accessories	Description
Memory	SO-DIMM, DDR4, <u>4GB/8GB/16GB/32GB</u>
Storage	M.2 SSD: <u>128GB/256GB/512GB</u>
	2.5" SATA SSD: 128GB/256GB/512GB/1TB
Wireless	2.5" HDD: 1TB/2TB/4TB
	Wi-Fi module, with Antenna
	Wi-Fi module with BT integrated, with antenna
	All network 4G module, with Antenna

Packing List

Description	Quantity
Standard TBOX-3E00 Box PC Product	1 piece
PSU (Power supply)	1 set
Power Cable & Plug	1 set