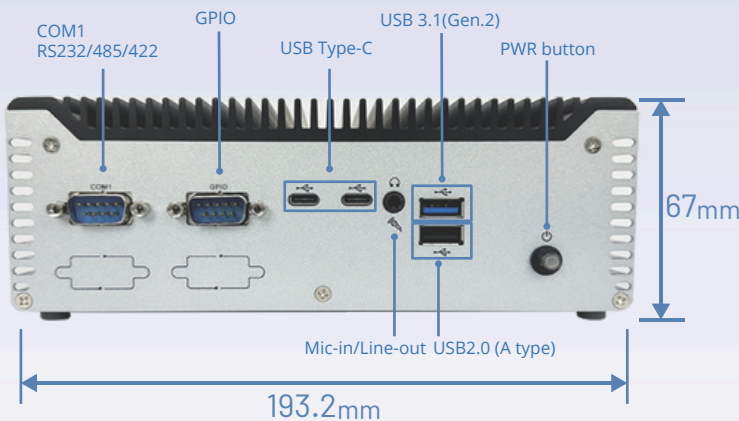




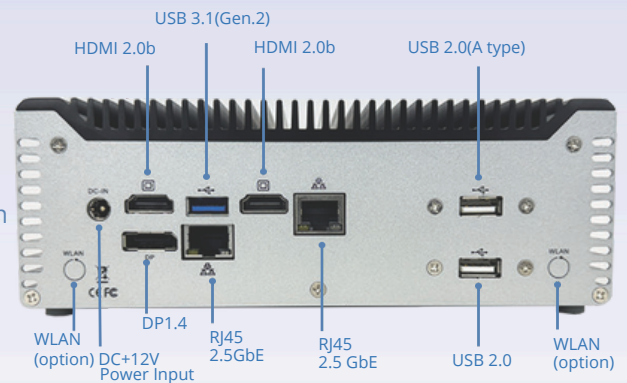
## EBOX-EHL Series Fanless Box PC

Fanless Box PC, equipped with the Elkhart Lake J6412 quad-core 2.0GHz CPU, ensures reliable and efficient processing. It supports DDR4 3200MHz SO-DIMM memory up to 32GB and facilitates triple display setups with two HDMI 2.0 ports and one DP 1.4 port, each capable of 4K resolution. The unit features an M.2 M-key slot for NVMe storage and an additional M.2 E-key slot that further enhances connectivity options. Dual Intel® i225-V 2.5GbE RJ45 ports provide high-speed networking, while a comprehensive set of USB ports offers extensive connectivity for peripherals. Additionally, there are COM and GPIO ports for expanded interfacing capabilities.

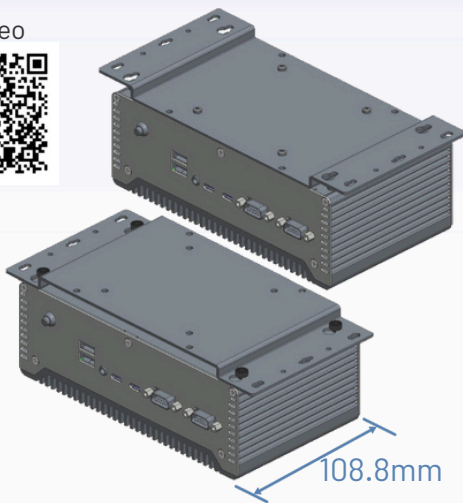
### Front I/O



### Rear I/O



### Video



## Features

- ▶ Intel® Elkhart Lake J6412 (Quad core 2.0GHz)
- ▶ DDR4 3200MHz SO-DIMM, memory up to 32GB
- ▶ HDMI 2.0 x2 (Max. 4096x2160@60Hz)
- ▶ DP 1.4 x1 (Max. 4096x2160@60Hz)
- ▶ Support Triple Displays
- ▶ M.2 M-key x1 (2260/2280), PCIe Gen.3 x2/SATA interface support NVMe SSD
- ▶ M.2 E-key x1 (2230), USB2.0/PCIe x1 interface (CNVi supported) WLAN/BT
- ▶ Intel® i225-V 2.5GbE RJ45 x2
- ▶ COM x1 (RS232/485/422)/ GPIO x1
- ▶ Operating Temperature -20°C to +60°C

▲ Wall-mount and VESA-mount supported

## EBOX-EHL Series specifications

Processor	Intel® Elkhart Lake J6412 Processor (Quad core 2.0GHz)
System RAM	DDR4 3200MHz SO-DIMM, memory up to 32GB
BIOS	AMI BIOS
Disk Support	M.2 M-key x1 (2260/2280), PCIe Gen.3 x2/SATA interface support NVMe SSD
Expansion	M.2 E-key x1 (2230), USB2.0/PCIe x1 interface (CNVi supported) WLAN/BT
Display	Intel® HD Graphics, shared memory HDMI 2.0 x2 (Max. 4096x2160@60Hz) DP 1.4 x1 (Max. 4096x2160@60Hz) Support Triple Displays
Ethernet	Intel® i225-V 2.5GbE x2
Audio	Dual channel HD Audio Realtek ALC888S
Front I/O	COM x1 (RS232/485/422) / GPIO x1 USB Type-C x2 / USB3.1 (Gen2) Type-A x1 / USB2.0 Type-A x1 Line-out/Mic-in combo x1 / Power button
Rear I/O	HDMI x2 / DP x1 RJ45 x2 / USB 3.1 (Gen2) x1 / USB 2.0 x2 DC +12V Input
OS support	Windows 10, Windows 11 (64-bit), Linux

## Mechanical & Environment

Power Requirement	DC +12V Power adapter only (2 .5ø)
Power adapter	+12V3.34A (40W)
Operating Temperature	-20~+60°C
Storage Temperature	-40~+85°C
Net Weight	1.7 kgs
Dimensions (W x D x H)	193.2 x 108.8 x 67mm
Certifications	CE, UKCA, FCC, VCCI

## Order information

EBOX-EHL-6412	Intel Elkhart Lake J6412 Embedded computer
POWER-40W-EHL	AC-DC power adapter DC12V@3.34A (AC 100~240V Input)
POWERCABLE(G)(A)(EN)(AU)	Power cord US/EU/UK/AU&NZ types
Optional item	VESA Rack