

VHEHL-30 V3.0

Intel® Elkhart Lake Celeron J6412 Processor based Fanless Mini PC with 3HDMI for Displays



Features

- CPU: Intel® Elkhart Lake Celeron J6412 Processor
- Memory: Dual Channel SO-DIMM DDR4 up to 32GB
- Display: Integrated Intel® UHD Graphics display via 3xHDMI
- I/O Ports: 2xLAN, 1xCOM, 2xUSB3.2, 4xUSB2.0, Type-C, SIM
- Ethernet: 10/100/1000Mbps
- Storage: M.2 for NVMe SSD(PCIe2X Signal),M.2 for SATA SSD/4G
- Power: 12V/19V DC-in or 9V-35V Optional



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Introduction

Maxtang's VHEHL-30V1.0 embedded mini-PC incorporated the Intel® Elkhart Lake processors, offering you greater computing power with cost advantages. Dual-channel SO-DIMM DDR4 up to 32GB for its memory, multiple displays via 3xHDMI2.0. A rich i/o interface includes 2xLAN, 2xUSB3.2, and 4xUSB2.0, and 1xCOM meets most market's requirements. It provides an excellent customer experience, a long-lasting life expectancy for future development.

It bases on a small form factor which is great for space-saving. This PC supports VESA mounting, 2xM.2 for storage, additional M.2 for Wi-Fi, and SIM slot for expansion, and is desktop ready for easy installation. It builds with advanced cooling construction, overcomes noise challenges, and can be a great fit for various applications.



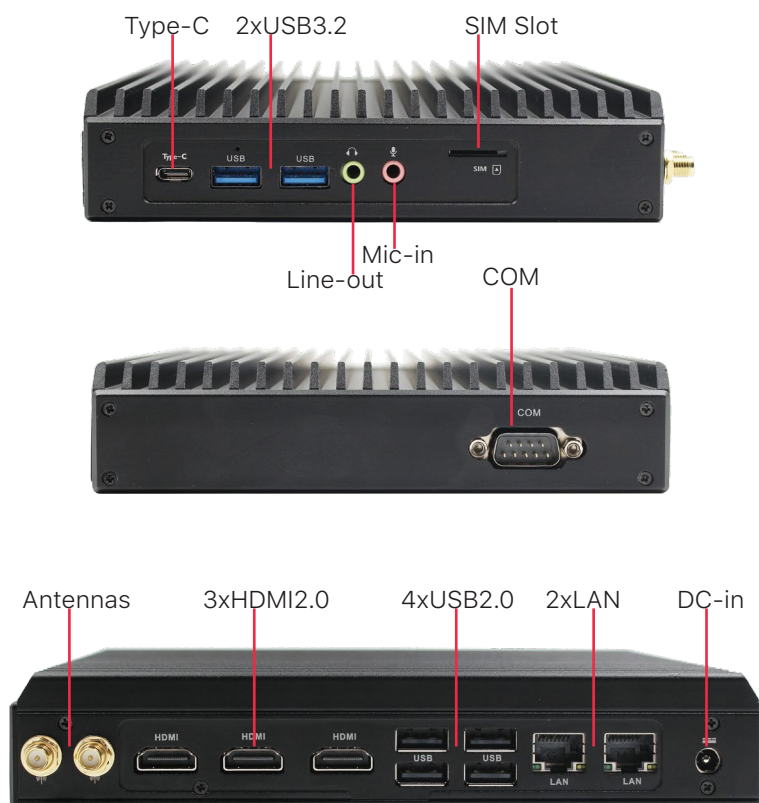
H/W Monitor



Watchdog



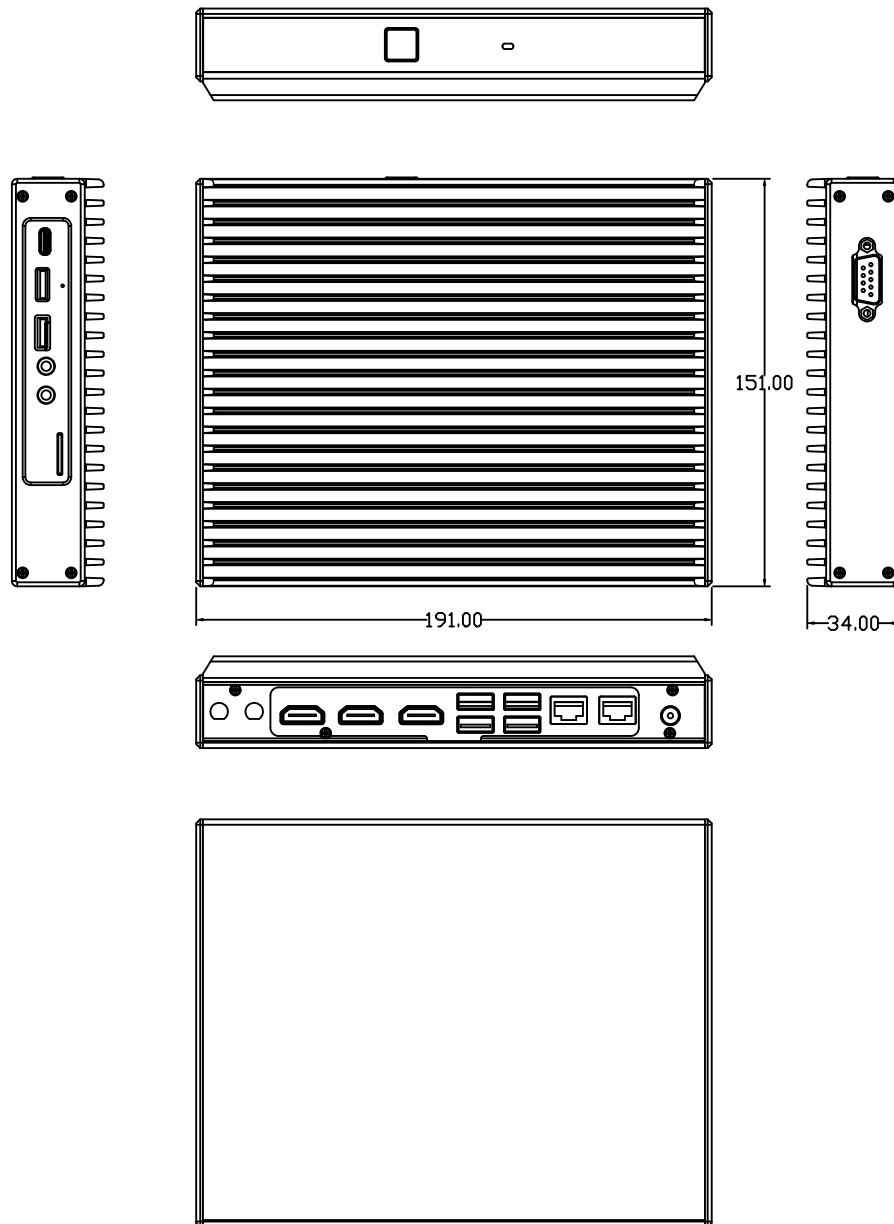
I/O Interfaces



Technical Specifications

Processor	CPU	Celeron J6412
	Cores/Threads	4C/4T
	Base Frequency	2.00GHz
	Burst Frequency	2.60GHz
	Cache	1.5 MB L2 Cache
	TDP	10W
	BIOS	AMI UEFI BIOS
Memory	Type	Dual Channel SO-DIMM DDR4
	Max. Capacity	32GB
Display	GPU	Intel® UHD Graphics for 10th Gen Intel® Processors
	Display via	3x HDMI2.0
Ethernet	Max. Speed	10/100/1000 Mbps
	Controller	RTL8111H
	Interface	2x RJ45
Audio	Wake on LAN	Yes
	Audio Codec	CONEXANT HD CX20632
	Interface	1x Line-out
Storage		1x Mic-in
	M.2	1x M.2 for 2280 NVMe SSD (PCIe 2X signal)
Expansion	M.2	1x M.2 for 2242/2280 SATA SSD or 4G
	M.2	1x M.2 for WiFi
Other I/O	SIM Slot	1
	COM	1x RS232 by default, 2xCOM optional. COM1 RS422/RS485 optional
	USB2.0	4
	USB3.2	2
	Type-C	1xType-C, USB3.2 Gen 2
Dimension	TPM	Onboard, optional
	Size	191 mm x 151mm x 34 mm
Weight	N.W.	TBD
Power	Standard Port	12V/19V DC-in or 9V-35V optional
Temperature	Operating Temp.	- 20°C to 60°C
	Storage Temp.	- 40°C to 80°C
Cooling Method		Passive
Operating System		Windows 10/11 64bit, Linux 64bit

Dimension (in mm)



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