

VHFP-30

AMD Ryzen Quad-Core Processor based Fanless Mini PC



Features

- CPU: AMD Ryzen Quad-Core Processors
- Memory: Dual Channel SO-DIMM DDR4 up to 32GB
- Display via: AMD Radeon Vega 8 Graphics via DP, HDMI
- I/O Ports: 2xLAN, 1xCOM, 2xUSB3.2, 4xUSB2.0, SIM
- Ethernet: 10/100/1000Mbps
- Storage: 1xM.2 for 2280 SATA SSD, 1xM.2 for 2242 SSD/4G
- Power: 12V/19V DC-in



Introduction

Maxtang's VHFP-30 embedded mini-PC incorporated the AMD Ryzen processors, 100% aluminium made, offers you greater computing power with cost advantages. Dual-channel SO-DIMM DDR4 up to 32 GB for its memory, dual display via HDMI and DP. A rich i/o interface includes 2xLAN, 1xCOM, Type-C, 2xUSB3.2, and 4xUSB2.0 meets most market's requirement. It provides an excellent customer experience, a long-lasting life expectancy for future development.

Based on a small form factor, as its name states, it is great for space-saving. It supports VESA mounting, has an 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

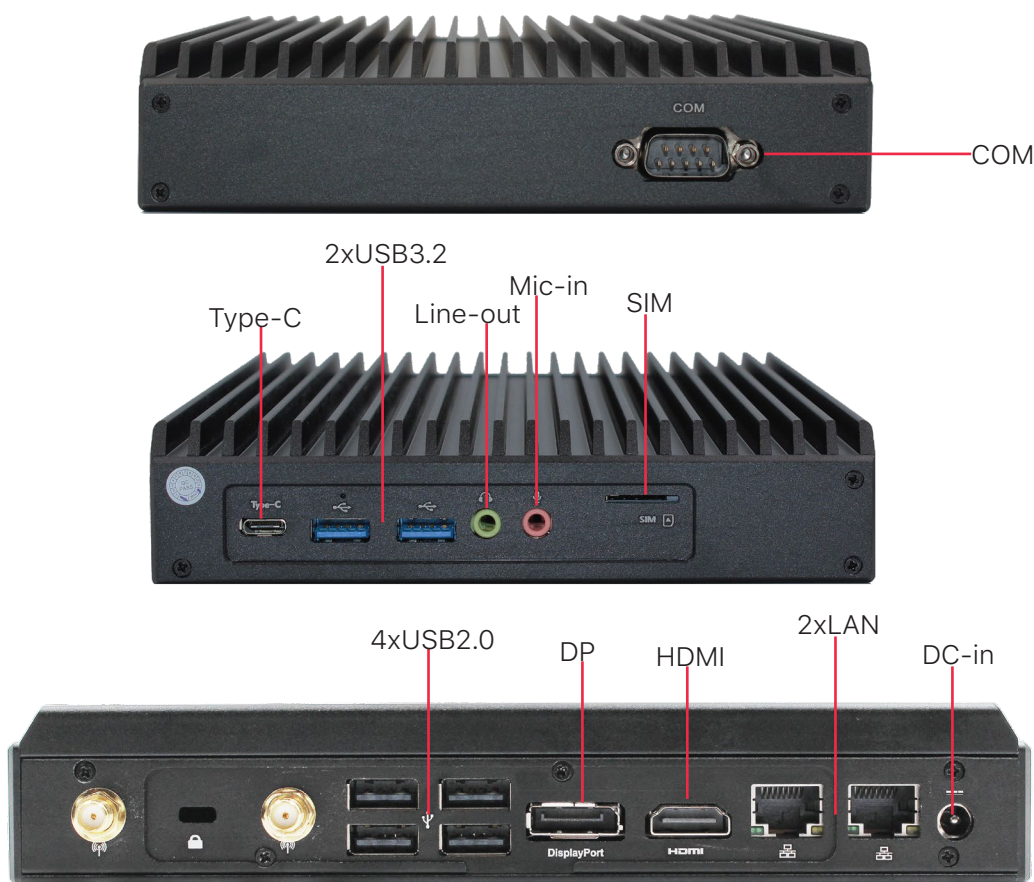


GPIO



Brightness

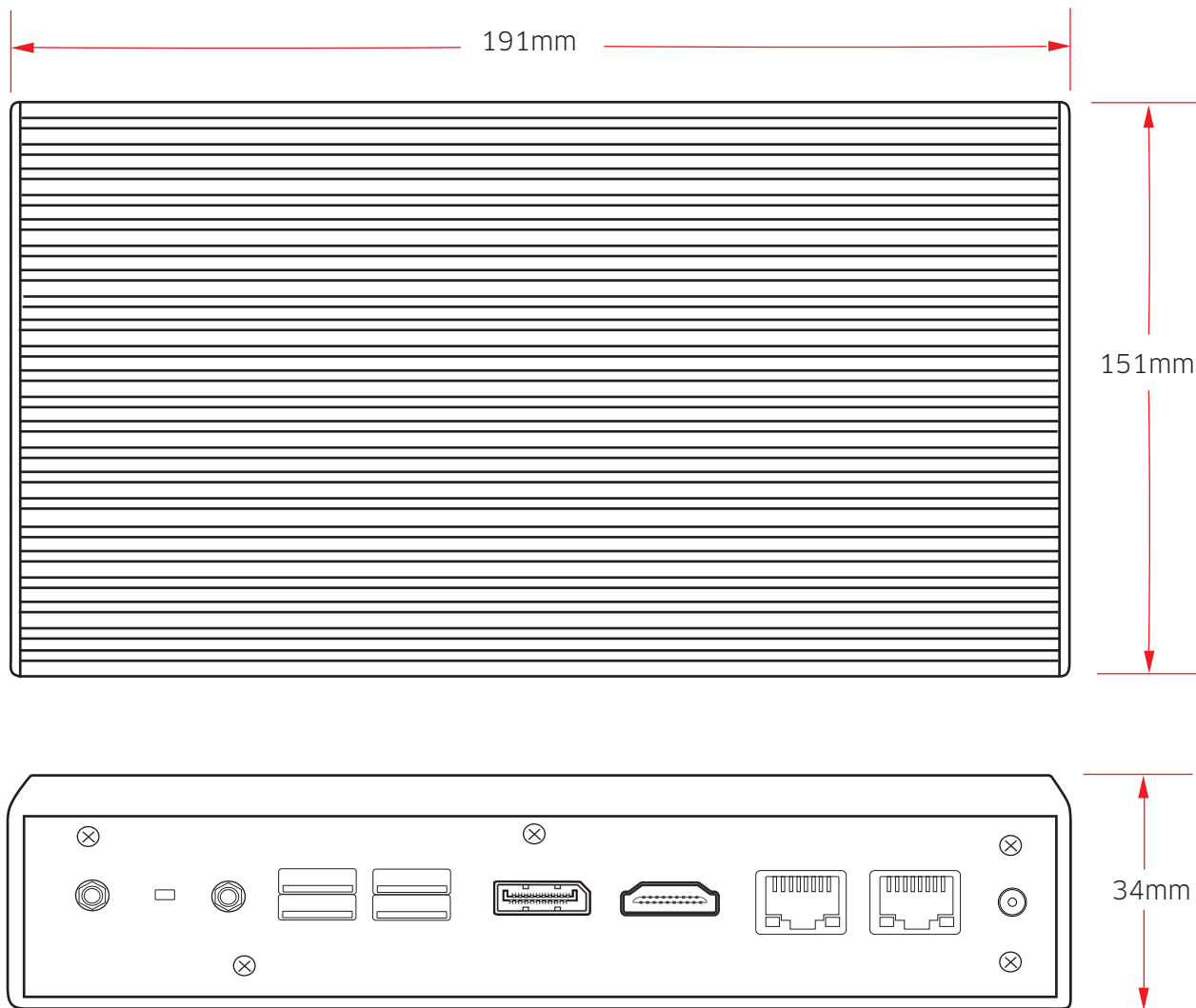
I/O Interfaces



Technical Specifications

Processor	CPU	2500U(Quad-Core)	V1605B(Quad-Core)
	Base Clock	2.0 GHz	2.0 GHz
	Max Boost Clock	3.6 GHz	3.6 GHz
	Cache	2MB L2	2MB L2
	TDP	15W	12-25W
Memory	Type	Dual Channel SO-DIMM DDR4	
	Max. Capacity	32GB	
Display	GPU	AMD Radeon Vega 8 Graphics	
	Display via	1xHDMI+1xDP	
Ethernet	Speed	10/100/1000 Mbps	
	Controller	Realtek RTL8111H	
	Interface	RJ45	
	Wake on LAN	Yes	
Audio	Audio Codec	Realtek HD	
	Interface	1x Line-out+1x Mic-in	
Storage	M.2	1xM.2 for 2280 SATA SSD	
		1xM.2 for 2242 SSD/4G	
Expansion	M.2	1x M.2 for WiFi	
	SIM	1	
I/O	LAN	2	
	COM	1x RS232	
	USB2.0	4	
	USB3.2	2	
	Type-C	1	
	HDMI	2	
	DP	1	
	Dimension	Size	191 mm x 151mm x 34 mm
Weight	N.W.	1 KG	
Power	Standard Port	12V/19V DC-in	
Temperature	Operating Temp.	- 20°C to 60°C	
	Storage Temp.	- 40°C to 80°C	
Cooling Method	Passive		
Operating System	Windows 10 64bit, Linux 64bit		

Dimension (in mm)



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