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 Graphics via DP, HDMI
- I/O Ports: 2xLAN, 1xCOM, 2xUSB3.2, 4xUSB2.0, SIM
- Ethernet: 10/100/1000Mbps
- Storage: 1xM.2 for 2280 SSD, 1xM.2 for 2242 SSD/4G
- Power: 12V/19V DC-in

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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.
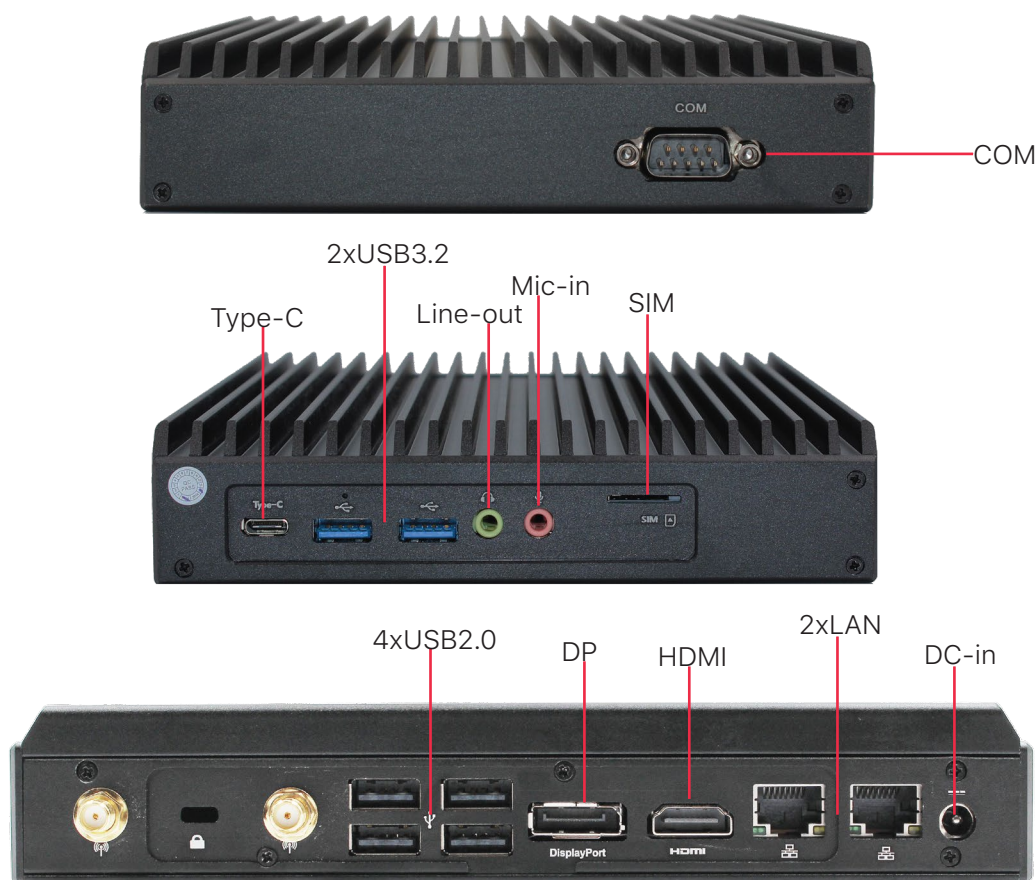
H/W Monitor   Watchdog
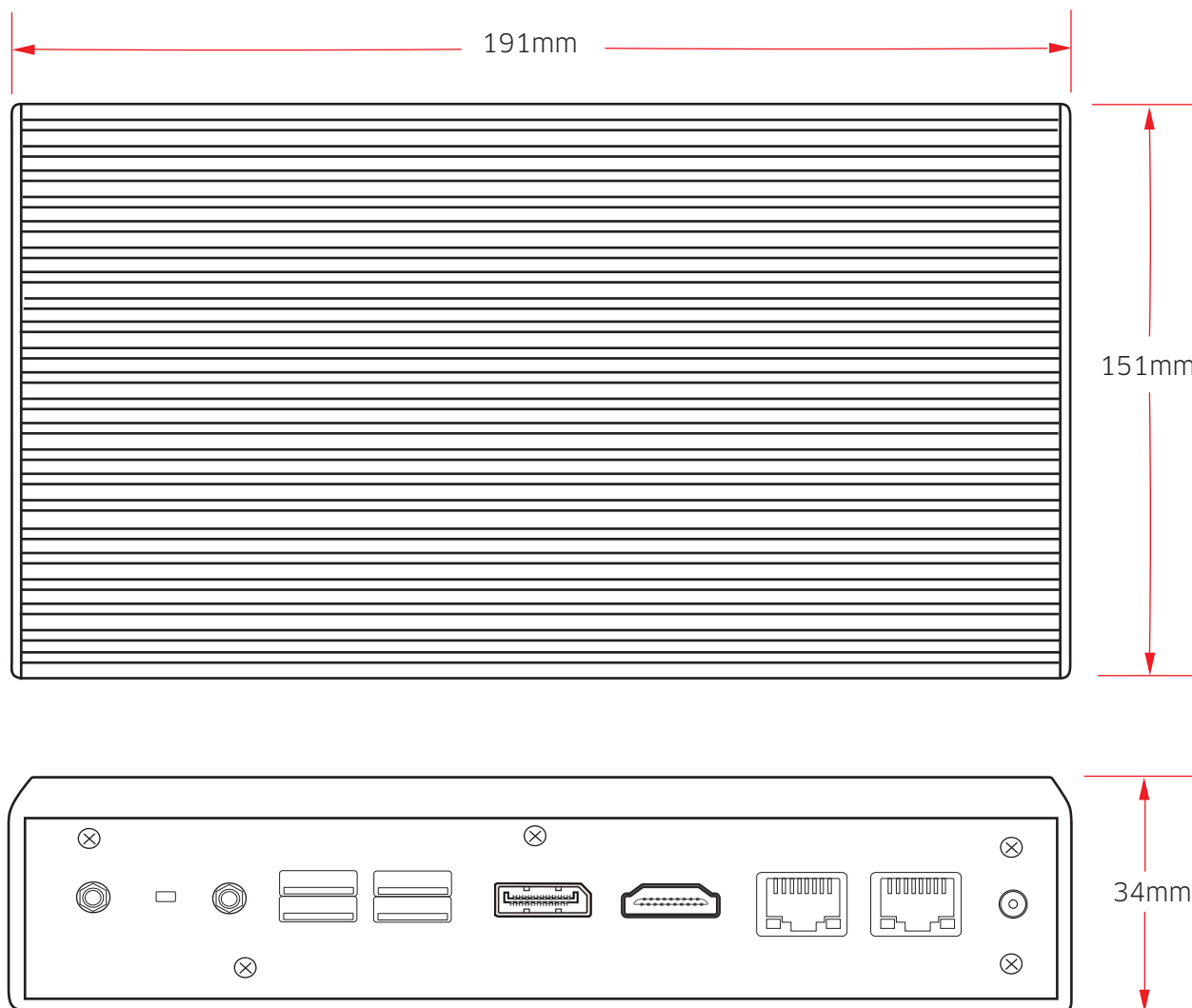
GPIO   Brightness

I/O Interfaces

COM

2xUSB3.2
Type-C   Line-out   Mic-in   SIM

4xUSB2.0   DP   HDMI   2xLAN   DC-in

Technical Specifications

Processor	CPU	AMD Ryzen™ Embedded R1305G
	Base Clock	1.5 GHz
	Max Boost Clock	2.8 GHz
	Cache	1MB L2/4MB L3
	TDP	8-10W
Memory	Type	Dual Channel SO-DIMM DDR4
	Max. Capacity	32GB
Display	GPU	AMD Radeon™ Vega 3 Graphics
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 NVMe or 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
Temperature	Operating Temp.	- 20℃ to 60℃
	Storage Temp.	- 40℃ to 80℃
Cooling Method		Passive
Operating System		Windows 10 64bit, Linux 64bit

Dimension（in mm）

191mm

151mm

34mm

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