VHFP-30

AMD® Ryzen™ Quad-Core 3500U Based Mini PC

Features

- Developed on low power Ryzen™ 5 3500U
- Dual channel DDR4-2400MHz
- Dual independent display via HDMI2.0 and DP
- Rich I/O ports: 2×USB3.0, 4×USB2.0, 2×LAN, 1×COM, 1×HDMI, 1×DP, 1x Type-C
- M.2 interface for SSD, Wi-Fi, 4G module
- High performance and low power consumption
- High quality aluminium enclosure

AMD

RYZEN

Maxtang®

MAXIMIZING YOUR COMPUTING PRODUCTIVITY

Introduction

VHFP-30 supports AMD Ryzen™ 5 3500U (quad-core) and provides a complete PC platform with high performance. Coming from the mobile processor family, this CPU combine the incredible performance of the pioneering "Zen" architecture and "Vega" GPU in a single chip with thermal design power (TDP) as low as 15W. This PC is equipped with two DDR4 SO-DIMM slots with a total maximum capacity of 32GB to add higher bandwidth and lower latencies for processes. And it also features 3×M.2 that support Wi-Fi, 4G module and NVMe SSD.

Two independent monitors are supported via the DP and HDMI2.0 ports. It also has rich interfaces including 4×USB2.0, 2×USB3.0, 1×COM, 1×Mic-in, 1×Line-out, 2×LAN, and 1x Type-C slot, catering to most requirements in the market. This AMD Ryzen™ system is an ideal integrated platform for various application as, but not limited to, automation, network security, communication and transportation.
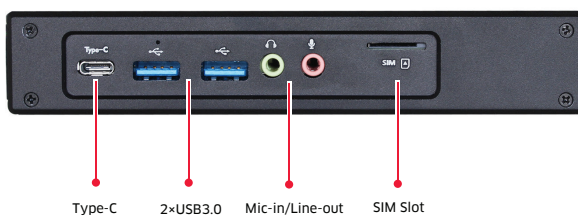
Linux™

ubuntu Linux

Windows 10

H/W Monitor   Watchdog

GPIO   Brightness

I/O Interfaces

4×USB2.0   DP   HDMI   2×LAN   DC Jack

Rear panel

Type-C   2×USB3.0   Mic-in/Line-out   SIM Slot

Right side

COM

Left side

Technical Specifications

Category	Subcategory	Value
Processor	CPU	3500U (quad-core)
	Max boost clock	3.7 GHz
	Base clock	2.1 GHz
	Cache	2MB L2
	TDP	15W
Memory	Type	2×SO-DIMM slot DDR4
	Max Capacity	32GB
Display	GPU	Radeon Vega 8 Graphics
	Dual display	HDMI 2.0+DP 1.4
Ethernet	Speed	10/100/1000Mbps
	Controller	RTL8111H
	Interface	2×RJ45
Audio	Audio codec	Realtek HD ALC662 (Line-out, Mic-in)
Storage	M.2	2280 NVMe SSD (SATA optional)
	M.2	1 for 2242 SSD or 4G module
Expansion	M.2	1 for Wi-Fi
	SIM card slot	1
Rear Panel I/O	USB2.0	4
	HDMI	1
	DP	1
	LAN	2
	DC-IN	1
Right & Left Sides I/O	Audio	1x Mic-in + 1x Line-out
	USB3.0	2
	Type-c	1
	SIM card slot	1
	COM	1×RS232
Power	Standard port	12V/19V DC-in
Dimension	L*W*H	191L×151W×34H mm
Weight (g)	N.W.	1KG
Operating	Operating Temp.	-20 C to 60 C
Environment	Storage Temp.	-20 C to 80 C
Operating System		Win10 64 bit, Linux 64 bit

*All specifications and photos are subject to change without notice.

Dimensions

191mm

151mm

34mm
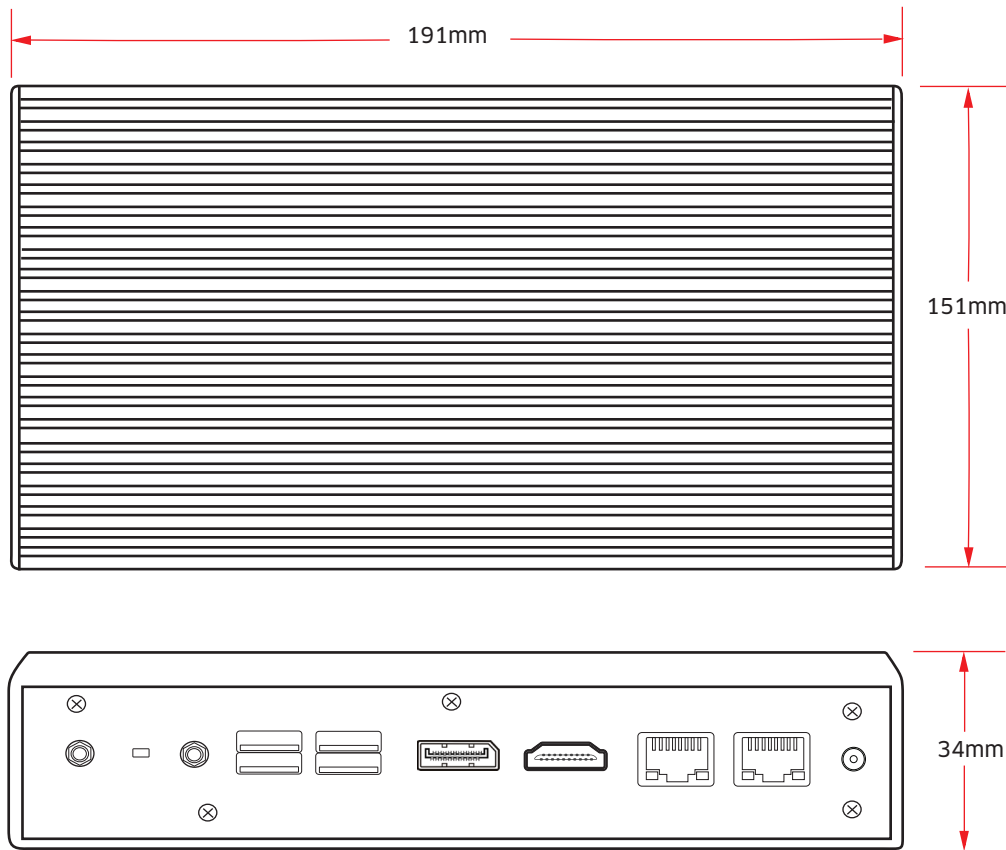
Ordering Information

Model	CPU	Memory	DP	HDMI	LAN	COM	Audio	M.2	SIM Slot	USB3.0	USB2.0	Power	Cooling
VH3500-B0	3500U	2×DDR4	1	1	2	1	Yes	3	1	2	4	DC-IN	Passive

Customization available

Maxtang®

MAXIMIZING YOUR COMPUTING PRODUCTIVITY

SHENZHEN MAXTANG COMPUTER CO. LTD.

6/F, Bldg 3, Honghui Indl Park, Liuxian 2nd Road, Bao'an Dist, Shenzhen, China 518101
Tel.: +86 755 86143003 I Fax: +86 755 86143003 I sales@datangpc.com

www.maxtangpc.com