

# 1ST-VHFP30

## Fanless Industrial mini PC

with AMD Ryzen™ quad-core CPU, 7x USB, 2x LAN, 3x M.2



- Developed on low power Ryzen™ 5 2500U and Ryzen™ Embedded V1605B
- Dual Channels DDR4-2400MHz
- Dual independent display via HDMI and DP
- Rich I/O ports: 2× USB3.0, 4× USB2.0, 1x USB-C, 2× LAN, 1× COM, 1× HDMI, 1× DP
- M.2 interface for SSD, WiFi, 4G module
- High performance and low power consumption
- High Quality aluminium enclosure



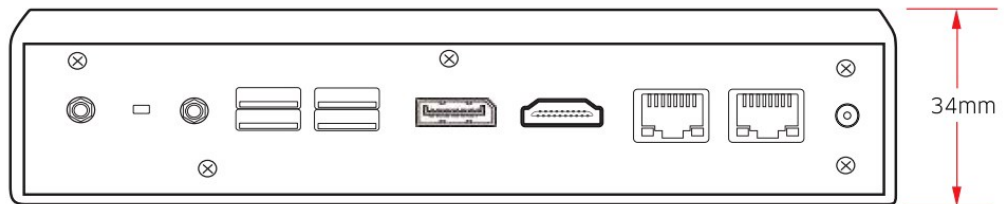
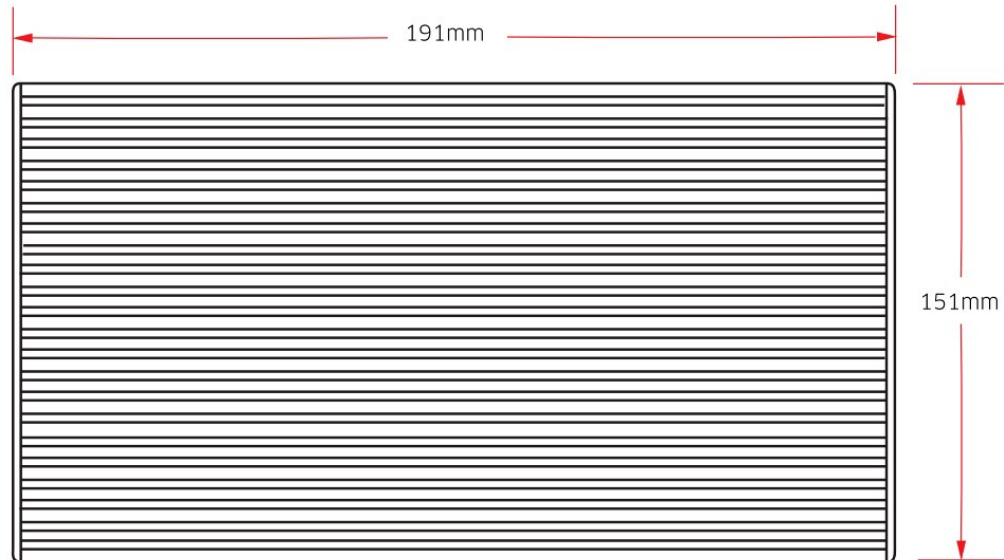
	Items	Descriptions
Dimensions (WxDxH)		191mmx151mmx34mm
Motherboard	CPU	AMD Ryzen™ 5 2500U (2-3.6 GHz, quad-core CPU, TDP 15W) AMD Ryzen™ V1605B (2-3.6 GHz, quad-core CPU, TDP 12W)
	System Memory	2x SO-DIMM slot supports DDR4 up to 32GB RAM
	Audio	Realtek HD ALC662 chip (Mic-in, Line-out)
Storage	Interface	1x M.2 for 2280 NVMe SSD (2242 SATA optional) 1x M.2 for 2242 SSD or 4G module
Expansion		1x SIM card slot, 1x M.2 for WIFI
Ethernet	Interface	2x GbE LAN, 10Mbps/100Mbps/1000Mbps
	Ethernet Controller	RTL8111H
Display		HDMI 2.0 DP 1.4 Dual display HDMI 2.0+DP 1.4
System I/O	Rear panel Interfaces	2x LAN 2x USB2.0 1x HDMI 2.0 1x DP 1.4 2x WIFI / 4G Antennae Jack 1x DC-IN
	Right Side I/O	2x USB3.0 1x USB-C 1x SIM card slot Mic-in and Line-out
	Left Side I/O	1x COM RS232
Power		12V~19V DC-IN
Enclosure Material		100% Aluminum Alloy
Color		Black
Operating temperature		-20° C ~60° C for V1605B; 0° C ~60° C for 2500U
Weight		1 kg
Operating System		Supports Windows 10 64 bit; Linux 64 bit

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## Ordering Information

Part No.	Descriptions
1ST-VHFP30-2500U	AMD Ryzen™ 5 2500U (2-3.6 GHz, quad-core processor, TDP 15W)
1ST-VHFP30-V1605B	AMD Ryzen™ V1605B (2-3.6 GHz, quad-core processor, TDP 12W)

## Dimensions



Rear panel

