

VHWL-30

Intel Whiskey Lake-U Processor based Fanless Mini PC



Features

- CPU: Intel Whiskey Lake-U Processors
- Memory: Dual Channel SO-DIMM DDR4 up to 64GB
- Display via: Intel Integrated Graphics display via HDMI, DP
- 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: 19V DC-in



IoT Solutions
Alliance

Industrial Solution
Builders Specialist

Maxtang[®]

MAXIMIZING YOUR COMPUTING PRODUCTIVITY

Introduction

Maxtang's VHWL-30 embedded mini-PC incorporated the Intel Whiskey Lake-U processors, offers you greater computing power with cost advantages. Dual-channel SO-DIMM DDR4 up to 64GB for its memory, multiple displays via HDMI, DP, and mini HDMI. A rich i/o interface includes 2xLAN, 2xUSB3.2, and 4xUSB2.0, and COM optional meets most market's requirements. 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.

I/O Interfaces



H/W Monitor



Watchdog



GPIO



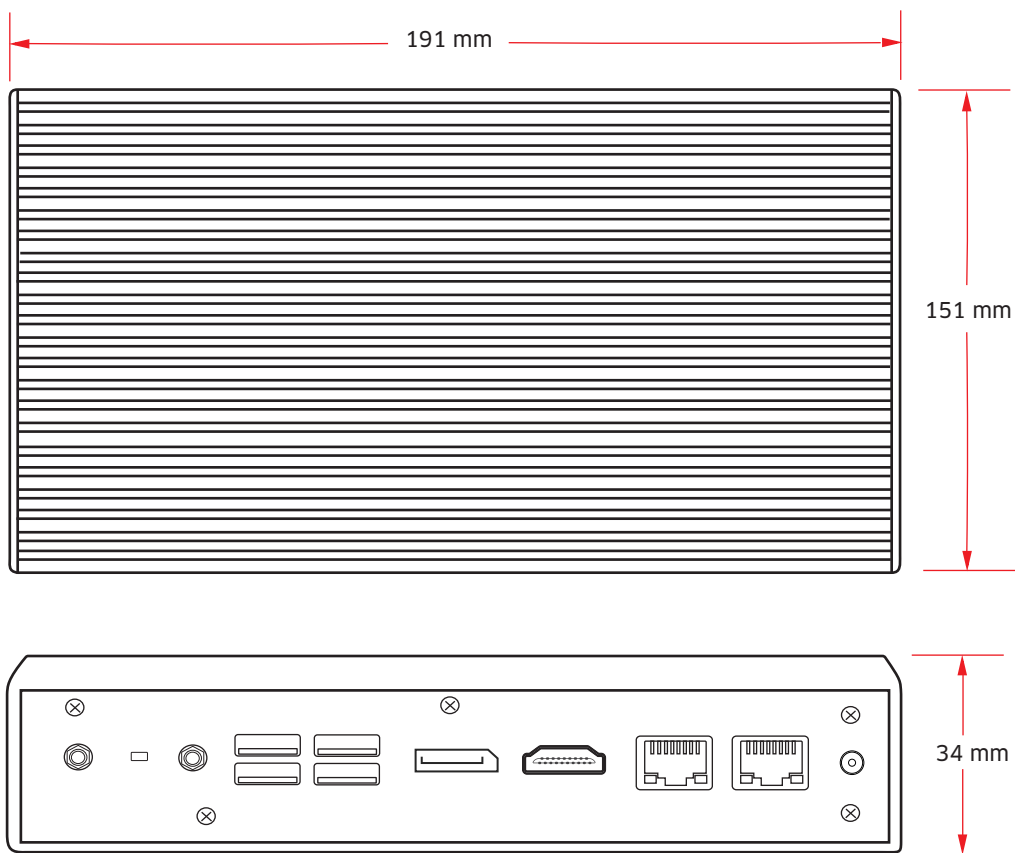
Brightness



Technical Specifications

Processor	CPU	Celeron4205U	i3-8145U	i5-8265U
	Core Frequency	1.8 GHz	2.10GHz	1.60GHz
	Max Turbo Frequency	/	3.90GHz	3.90GHz
	Cache	2MB	4MB	6MB
	TDP	15W		
Memory	Type	Dual Channel SO-DIMM DDR4		
	Max. Capacity	64GB		
Display	GPU	Intel Integrated Graphics based on CPU		
	Display via	1xHDMI+1xDP+1x mini-HDMI		
Ethernet	Speed	10/100/1000 Mbps		
	Controller	Intel i211+Intel i219		
	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 SSD		
		1xM.2 for 2242 SSD/4G		
Expansion	M.2	1x M.2 for WiFi		
	SIM	1		
I/O	LAN	2		
	COM Optional	1x RS232		
	USB2.0	4		
	USB3.2	2		
	HDMI	2		
	DP	1		
	TPM	Onboard, optional		
	Dimension	Size	191 mm x 151mm x 34 mm	
	Weight	N.W.	TBD	
	Power	Standard Port	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)



Copyright © 2018 Maxtang Technology Co. Ltd. All rights reserved. All data is for information purposes only and not guaranteed for legal purposes. Information has been carefully checked and is believed to be accurate however, no responsibility is assumed for inaccuracies. Maxtang and the Maxtang logo and all other trademarks or registered trademarks are the property of their respective owners and are recognized.