DATASHEET

VFWL-30

Intel Whiskey Lake-U Processor based 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, 2xUSB3.2, 4xUSB2.0, COM optional, SIM
- Ethernet: 10/100/1000Mbps
- Storage: 1xM.2 for 2280 SSD, 1xM.2 for 2242 SSD/4G
- Power: 19V DC-in

intel IoT Solutions Alliance
Industrial Solution Builders Specialist

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Introduction

Maxtang's VFWL-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 display via 2xHDMI and DP. A rich i/o interface includes 2xLAN, 1xCOM, 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.

Linux

ubuntu

Windows

H/W Monitor

Watchdog

GPIO

Brightness

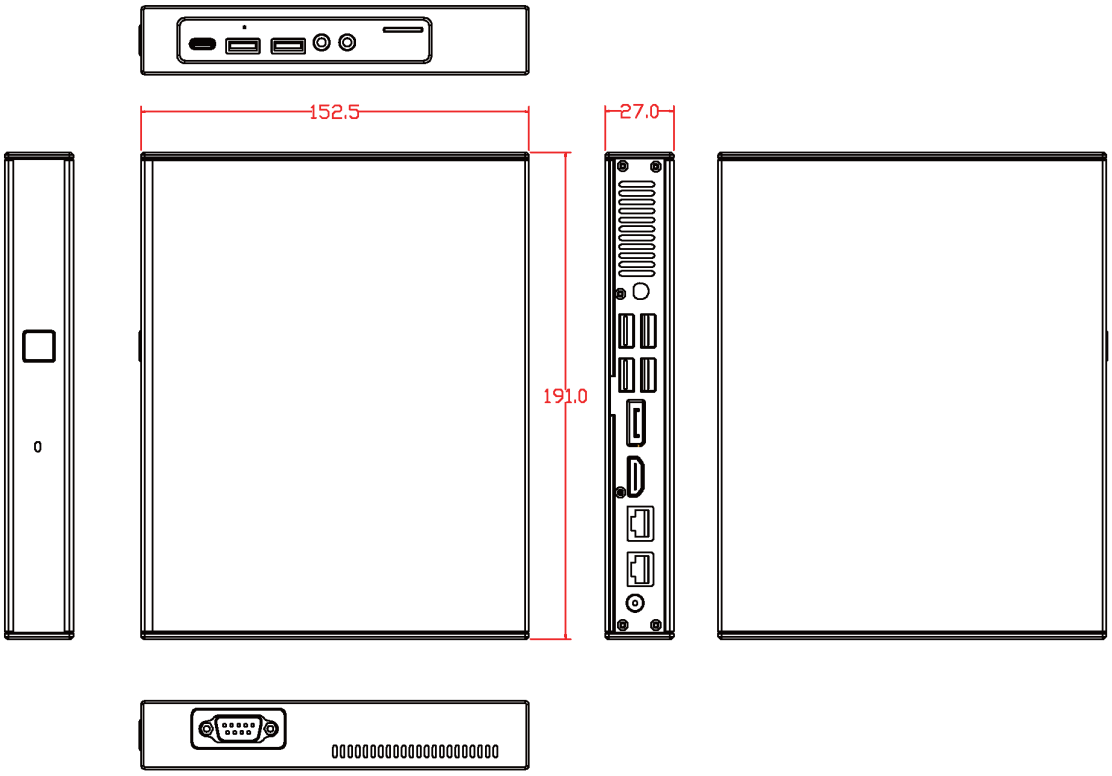
I/O Interfaces

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 2240 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 27 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		Active		
Operating System		Windows 10 64bit, Linux 64bit		

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

Dimension (in mm)



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