

VFKL-30

Intel Kabylake-U Processor based Mini PC



Features

- CPU: Intel Kabylake-U Processors
- Memory: Dual Channel SO-DIMM DDR4 up to 32GB
- Display via: Intel Integrated Graphics display via HDMI, DP
- I/O Ports: 2xLAN, 1xCOM, 2xUSB3.2, 4xUSB2.0, USB-C
- Ethernet: 10/100/1000Mbps
- Storage: 1xM.2 for 2280 SSD, 1xM.2 for 2242 SSD/4G
- Power: 19V DC-in



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Introduction

Maxtang's VFKL-30 embedded mini-PC incorporated the Intel Kabylake-U processors, 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, USB-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

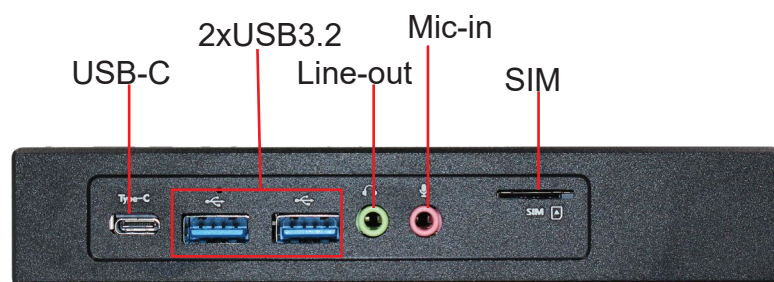
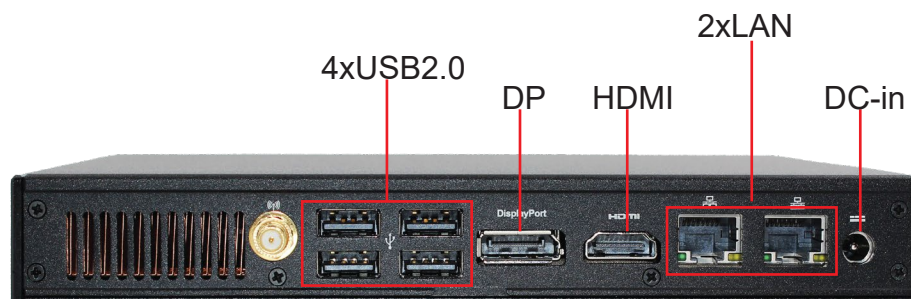


GPIO



Brightness

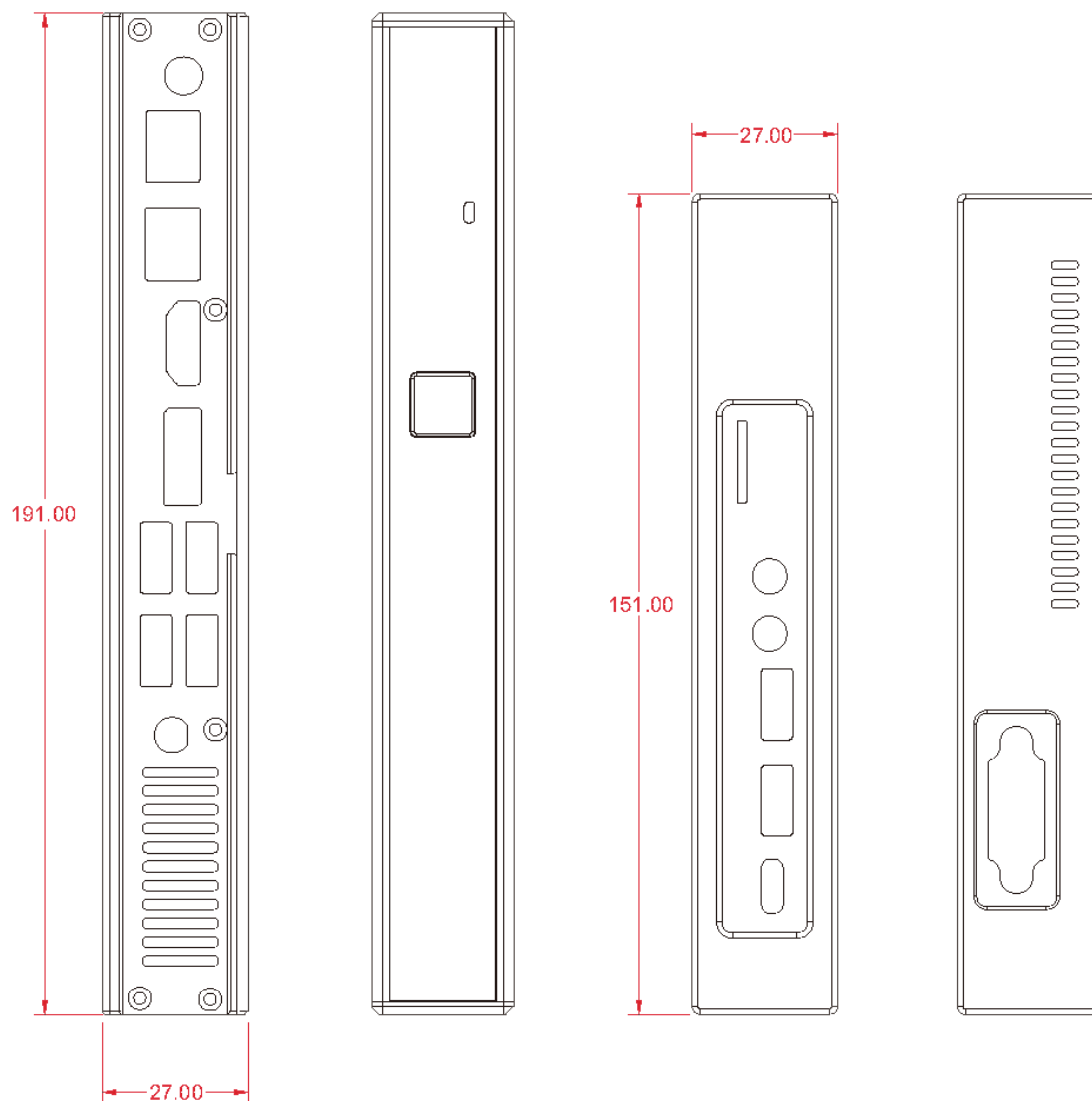
I/O Interfaces



Technical Specifications

Processor	CPU	Celeron3865U	i3-7100U	i5-7200U	i7-7500U
	Core Frequency	1.8 GHz	2.4GHz	2.56GHz	2.7GHz
	Max Turbo Frequency	/	/	3.1GHz	3.5GHz
	Cache	2MB	3MB	3MB	4MB
	TDP	15W			
Memory	Type	Dual Channel SO-DIMM DDR4			
	Max. Capacity	32GB			
Display	GPU	Intel Integrated Graphics based on CPU			
	Display via	1xHDMI+1xDP			
Ethernet	Speed	10/100/1000 Mbps			
	Controller	Intel i211			
	Interface	RJ45			
	Wake on LAN	Yes			
Audio	Audio Codec	Realtek HD			
	Interface	1x Line-out+1x Mic-in			
Storage	M.2	1xM.2 for 2242 SATA SSD, Supports 3G/4G Module			
		1xM.2 for 2242/2280 SATA SSD			
Expansion	M.2	1x M.2 for WiFi			
	SIM	1			
I/O	LAN	2			
	COM	1x RS232			
	USB2.0	4			
	USB3.2	2			
	HDMI	1			
	DP	1			
	USB-C	1			
	Dimension	Size	191 mm x 151mm x 27 mm		
Weight	N.W.	800g			
Power	Standard Port	19V DC-in			
Temperature	Operating Temp.	- 20°C to 60°C			
	Storage Temp.	- 20°C to 80°C			
Cooling Method		Active			
Operating System		Windows 7/8/10, Linux			

Dimension (in mm)



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