

VHKL-30

Intel Kabylake-U Processor based Fanless 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



IoT Solutions
Alliance

Industrial Solution
Builders Specialist

Maxtang[®]

MAXIMIZING YOUR COMPUTING PRODUCTIVITY

Introduction

Maxtang's VHKL-30 embedded fanless 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

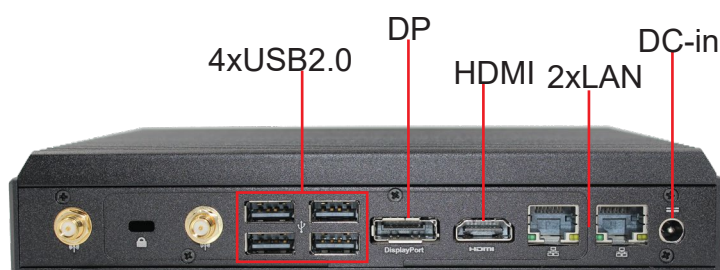
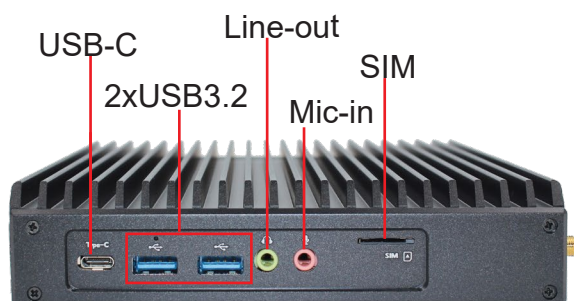


GPIO



Brightness

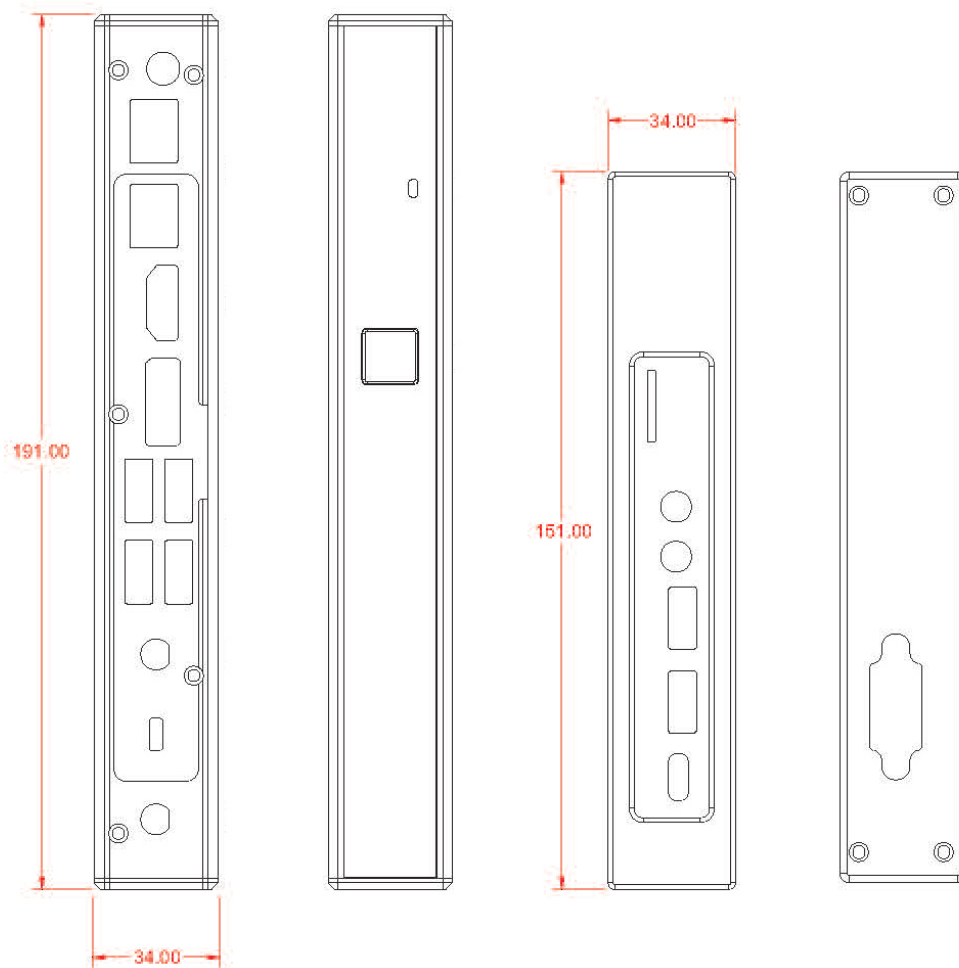
I/O Interfaces



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	1xM.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 34 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		Passive			
Operating System		Windows 7/8/10, Linux			

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.