

Tiger Lake

8K

vPro

PCIe Connector



RoHS CE FCC

## Specifications

Processor	CPU	Intel® Core™ i5-1135G7 / i3-1115G4 Intel® Celeron® 6305 Intel® Core™ i5-1145G7 for vPro (Optional)	
	Chipset	SoC	
	BIOS	AMI EFI 64 Mbit	
Memory	Type	DDR4	
	Socket	SO-DIMM	
	Channel	2	
	Max Size	32GB	
Graphics	GPU	Intel® Iris® Xe Graphics Intel® 11 <sup>th</sup> Gen UHD Graphics	
	Graphic Engine	DirectX 12, OpenGL 4.5, OpenCL 2.1	
	Interface	1 x HDMI (Max.4096 x 2160 @60Hz)	
Network	Controller	1 x i219LM Gigabit Ethernet	
	Interface	1 x RJ45	
SDM I/O PCIe X8 Edge Connector		HDMI , DP1.4 , USB3.2 Gen2 , UART , GSPPI , I2C , PCIe , SYS_FAN	
I/O	USB	2 x USB3.2 Gen2 (10 Gbps), 2 x USB2.0	
	USB Type-C	1 x USB3.2 Gen1	
	Audio	1 x MIC-IN, 1 x ADUIO-OUT	
	Wireless	1 x E-key M.2 (2230) for WiFi/BT (WiFi 6 / CNVi)	
	TPM	SLB9670 TPM2.0	
Storage	Socket 1	1 x M-key M.2 (2242 / 2280) for PCIe SSD	
	JAHC	WatchDog Timer	0~255 Second Time Out Support
		Auto Power On	Power Activated Automatically Start
		RTC	Set Up Independently Every day
	Wake On LAN	Remote Wake-up	
Operation System Supported	Windows	Windows 10 (64-bit)	
	Linux	Support	
Power	Power Type	DC-IN	
	Power Adapter	12V	
	SDM I/O	12V / 5A	
Mechanical	Dimensions (W x D x H)	175mm x 110mm (6.89" x 4.33" )	
	Environment	Operating Temperature	0°C~45°C (32°F~113°F) @0.7m/s Air Flow
Relative Humidity		95% @ 40°C (non-condensing)	

## Features

- Intel® Tiger Lake UP3 Processors
- 1 x HDMI  
PCIe X8 Edge Connector Supporting 8K Display
- 2 x SO-DIMM DDR4 Memory, Up to 32GB
- 1 x M-key M.2 (2242 / 2280) for SSD
- 1 x RJ45, 1 x E-Key M.2 (2230) for WiFi/BT (WiFi 6)
- Support Intel vPro Technology (Core™ i5-1145G7)

## Dimensions and Drawing

