

Tiger Lake

8K

HDMI

DP

nvm EXPRESS

HDR



RoHS CE FCC

Specifications

Processor	CPU	Intel® Core™ i3-1115G4 / i5-1135G7 / i7-1165G7	
	Chipset	SoC	
	BIOS	AMI EFI 64 Mbit	
Memory	Type	DDR4-3200MHz	
	Socket	SO-DIMM	
	Channel	2	
	Max Size	32GB	
Graphics	GPU	Intel® Iris® X* Graphics	
	Graphic Engine	DirectX 12, OpenGL 4.5, OpenCL 2.2, 8K60 12b 4:2:0 HEVC/VP9/SCC	
	Interface	1 x DP (Max.7680 x 4320 @60Hz) 2 x HDMI (Max.4096 x 2160 @60Hz)	
Network	Controller	1 x RTL 8111H Gigabit Ethernet	
	Interface	1 x RJ45	
I/O	USB	1 x USB3.2 Gen2, 2 x USB2.0	
	USB Type-C	1 x USB Type-C3.2 Gen2	
	Serial Port	1 x RS232	
	Audio	1 x MIC-IN, 1 x AUDIO-OUT	
	Wireless		1 x E-key M.2 (2230) for WiFi/BT
			1 x B-key M.2 (3052) for 3G/4G/5G
	SIM Card	1 x SIM-Slot	
	TPM	infineon TPM2.0	
JAHC	WatchDog Timer	0~255 Second Time Out Support	
	Auto Power On	Power Activated Automatically Start	
	RTC	Set Up Independently Every day	
Storage	Socket 1	1 x M-key M.2 (2242/2280) for SSD	
Operation System Supported	Windows	Windows 10 IoT Core	
	Linux	Ubuntu 16.04/18.04	
Power	Power Type	DC-IN	
	Power Adapter	12V/19V	
Mechanical	Dimensions (W x D x H)	189.6mm x 148.3mm x 26mm (7.46" x 5.83" x 1.02")	
	Construction	Metal	
	Mounting	VESA Mounting JZ183	
Environment	Operating Temperature	0°C~40°C (32F~104F) @0.7m/s Air Flow	
	Relative Humidity	95% @ 40°C (non-condensing)	
Certification		CE, FCC	

Features

- Intel® Tiger Lake UP3 Processors
- 1 x DP, 2 x HDMI, Supporting 8K Display
- 2 x SO-DIMM DDR4 Memory, Up to 32GB
- 1 x M-key M.2 (2242/2280) for SSD
- Supporting RJ45, WiFi 6(CNVi), 3G/4G/5G Ethernet Access

Dimensions and Drawing

