

Giada SDM-L611

Tiger Lake UP3 SDM-L

Tiger Lake

8K

vPro

PCIe Connector



RoHS CE FCC

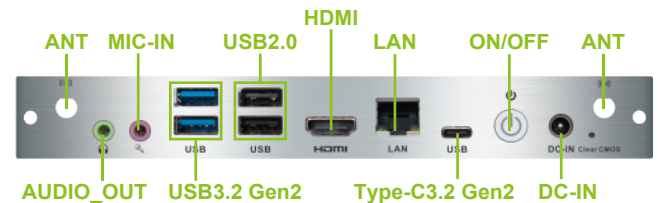
Features

- 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)

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 th 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 , GSPI , 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 (32F~113F) @0.7m/s Air Flow
	Relative Humidity	95% @ 40°C (non-condensing)

Dimensions and Drawing



Ordering Information

	Description
SDM-L 6305G4H0G-GIA	CPU: Intel Celeron 6305
SDM-L 1115G4G4H0G-GIA	CPU: Intel Core i3-1115G4
SDM-L 1135G7G4H0G-GIA	CPU: Intel Core i5-1135G7

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