ITX-VL68

Specification :

Model No.	ITX-VL68 VER:1.0(7267U)
Processor	Integrated Intel® I5-7267U 3.1GHz dual-core four-thread processor, TDP 28W
	Compatible with Intel® Skylake-U/Kabylake-U Pentium/Celeron/I3/I5/I7 low-power processors
Chipset	SOC
Memory	1x SODIMM slot, supports 2133MHz DDR4 memory up to 32GB
Display	Integrated Intel® Iris® Plus Graphics 650, supports DirectX 12, OpenGL 4.5, supports 4K
	1x VGA interface, the highest resolution supported is: 1920X1200@60Hz
	1x HDMI1.4 interface, the highest resolution supported is: 4096X2304@24Hz
	1x Support dual-channel 24bit LVDS interface
	1x EDP interface, with LVDS interface, you can choose one of the two through pop-up
Network	4x Intel WGI210AT Gigabit network card, supports network wake-up and PXE functions
	Note: POE can be supported. If you want POE function, you need to use the VL68-PW expansion board
Storage	1x SATA3.0 hard disk interface, transmission speed up to 6Gbps
	1x MSATA slot, supports Intel protocol SSD solid state drive, transmission speed can reach 6Gbps, Note: MSATA and TPM-4COM are two options. It can support the use of TPM-4COM small board to expand 4 serial ports. The default is MSATA. To use the TPM-4COM function, you need to change the BIOS
	1x M.2 slot, supports M.22280 NVME PCIE X4/SATA specification SSD
Audio	Integrated ALC897 7.1+2 channel high-fidelity audio controller, supports MIC, Line_out, power amplifier
	Support amplifier 4Ω 3W speaker
Expansion slots	1x Mini-PCIE slot, supports WIFI / 4G module
Backplane I/O interface	1x DC12V
	1x HDMI1.4
	4x USB3.0
	4x RJ45 Gigabit network port
	1x Two and one audio interface
Built in I/O interface	1x JVGA1, 1x 12pin
	3x 2x 4pin PH=2.54mm pin header, connected to VL680-PW small board
	1x LVDS interface 2x 15pin, supports dual channel 24bit
	1x EDP（yellow） 2x 15pin,with LVDS as a pass-through alternative
	1x LVDS backlight power supply interface 1x 6pin
	2x RS232 serial interface, supports RS485/422 function
	4x USB2.0 interface 2x 5pin
	1x Front panel switch button and indicator light interface 2x 5Pin
	1x Hard drive power supply interface 1x 4pin
	1x Front audio interface 2x 5pin
	1x Power amplifier interface 1x 4pin
	1x 4pin DC power interface (can be used as 12V input and output power interface)
	1x SIM card slot
Fan	1x 4pin CPU fan interface; 1x 4pin system fan interface
GPIO	Supports four-in and four-out GPIO functions
BIOS	64Mb Flash ROM
Watchdog	Support hardware reset function (level 256, 0~255 seconds)

OS	Windows 7 , Windows 10 , Linux
Power supply	DC 12V
Working temperature	-10℃～60℃
Storage temperature	-20℃～70℃
Working Humidity	5%-95% (relative humidity, non-condensing)
Dimension	170mm x 170mm
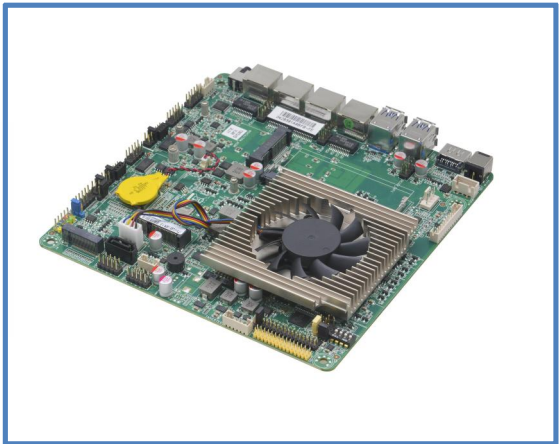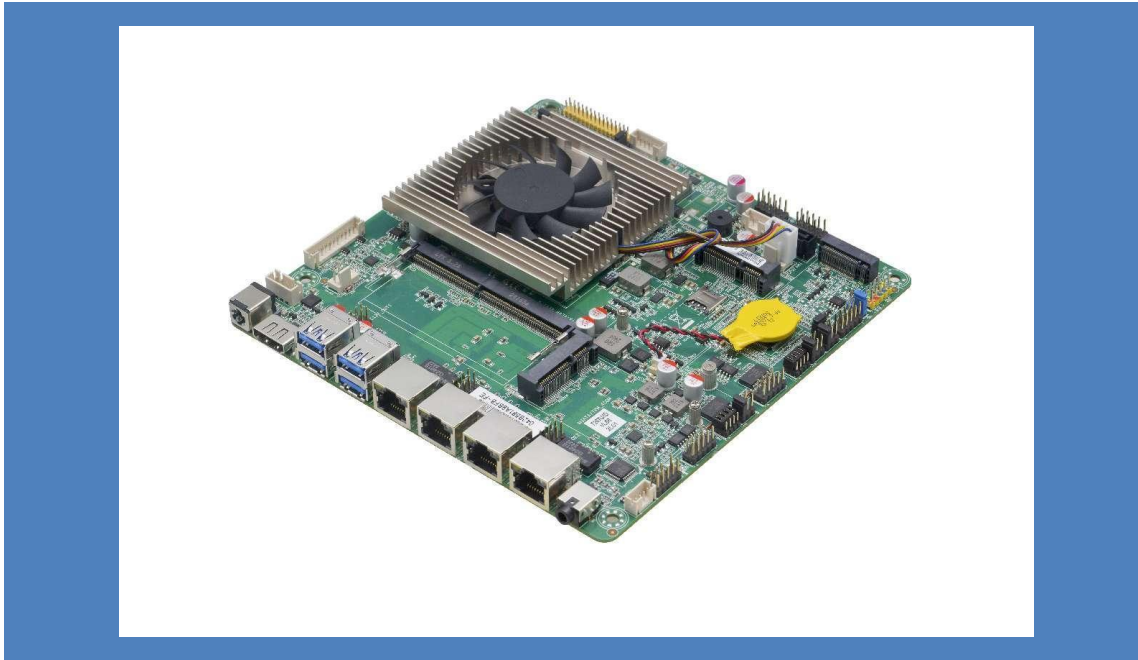
Ordering info:

No.	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	485/422	Power
1	ITX-VL68 VER:1.0(7267U)	I5-7267U	3.1G	1*SODDR4	1	1	1	1	4*210AT	8	2	COM2	DC12V