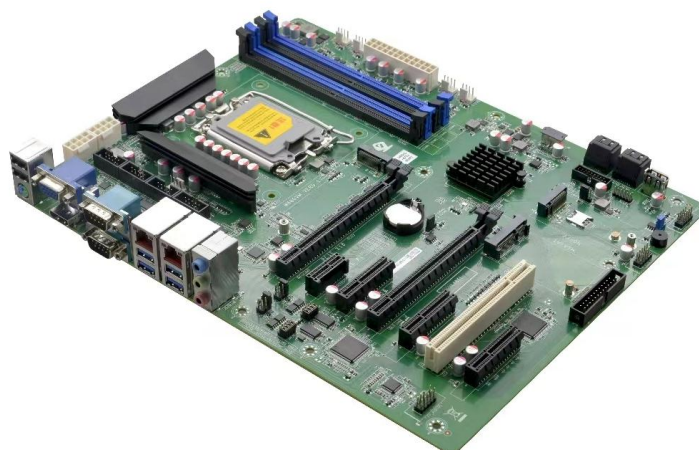
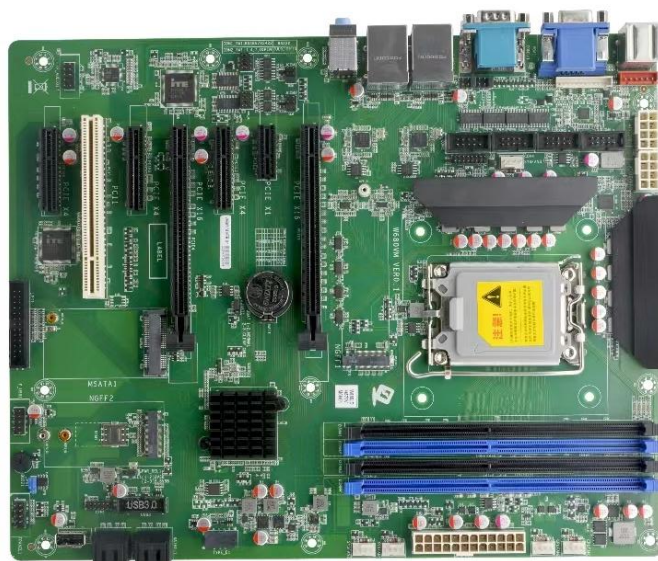


W680VM VER:1.0

Based on Intel® W680_LGA1700 12th/13th Intel® Celeron/Pentium/Core™ i3/i5/i7/i9

[LGA1700]



Specifications:

Product model	W680VM VER:1.0
processor	Support LGA1700 12 th /13 th Intel® Celeron/Pentium/Core™ i3/i5/i7/i9 CPU
Chipset	Intel® W680
RAM	4* DDR4 DIMM memory slots, support dual-channel up to 3200MHz memory, up to 128GB, support ECC memory
Display	Integrated Intel®HD Graphics, support DirectX12.1,OpenGL4.5, support 4K display
	1* VGA , support the highest resolution of 1920X1200@60Hz
	2* HDMI1.4 , support the highest resolution of 4096x2160 @24Hz
Ethernet	2* Intel®I226V Gigabit Ethernet chip, supports Wake on LAN/PXE function
Storage	4* SATA3.0 hard disk interface, the transfer speed up to 6Gbps
	1* MSATA slot, support Intel protocol SSD
	1* M.2 slot, support M.2 Key M 2280 NVME PCIE X4/SATA, adaptive SSD
Audio	Onboard ALC897 7.1+2 vocal channels high fidelity audio controller,supports MIC/Line-out and Line-in
Expansion slot	2* PCIE3.0 X16
	1* PCIE 3.0 X1
	3* PCIE 3.0 X4
	1* PCI
	1* M.2 slot, support M.2 Key B 2242/2252 4G/5G module
Rear I/O interfaces	1* PS/2 interface (expandable keyboard and mouse)
	1* DB15 VGA
	1* HDMI1.4
	2* DB9 RS232 serial port, supports the 9th pin charged function, support RS485/422
	2* USB2.0
	4* USB3.0
	2* RJ-45
	1* Three-layer audio interface, support Line-out, MICK, Line-in
Inner I/O interfaces	2* USB2.0, 2*5pin
	1*Vertical USB2.0 interface
	1*TYPE-E USB3.0
	2* USB3.0, 2*10pin
	1* Front panel audio interface (2*5pin)
	1* Front panel function button and indicator interface (2*5pin)
	1* 24pin ATX power socket, 2* 8pin ATX power socket
	1* PS/2 keyboard and mouse interface, 1*6pin
	1* JVGA interface, 1*12pin (the same signal as DB15)
	1* JHDMI, 2*8pin
	1* TPM, 2*6pin
	4* RS232, 2*5pin
	1* SIM
	1* LPT, 2*13pin
Fan interfaces	1*4pin CPU fan connector; 4*4pin system fan connector
BIOS	128Mb Flash ROM
Watchdog	Support hardware reset function (256 levels, 0~255 seconds)

operating system	Windows 10/Windows 11/Linux
Power type	Powered by ATX 24Pin and 8pin power supply
Operating temperature	0℃～60℃
Storage temperature	-20℃~70℃
Working humidity	Relative humidity 5%-95%, no condensation
Size	305mm x 245mm

W680VM VER:0.1 INFO:

No	Model	Processor	Frequency	South bridge	Memory	VGA	HDMI	DP	LAN	USB	COM	RS485/422	Power
1	W680VM VER:1.0	LGA1700	/	W680	4* DDR4	1	2	/	2*I226V	12	6	COM1/2	ATX