

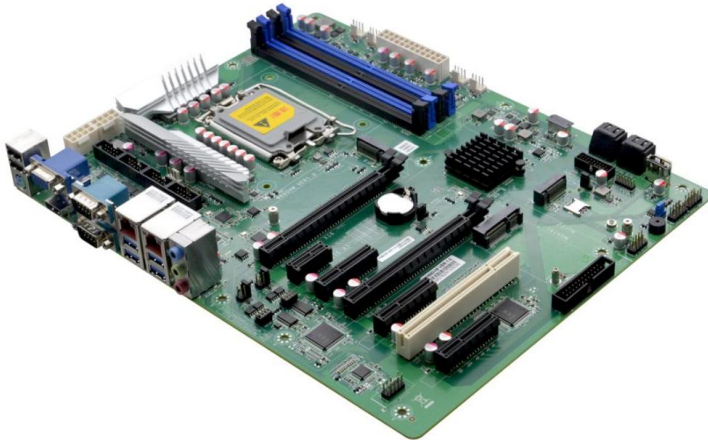
## W680VM VER:1.0 Specification



W680VM VER:1.0 Front View



W680VM VER:1.0 I/O View



W680VM VER:1.0 Lateral View

<b>Model No.</b>	W680VM VER:1.0
<b>Processor</b>	Support LGA1700 12 <sup>th</sup> /13 <sup>th</sup> Intel® Celeron/Pentium/Core™ i3/i5/i7/i9 and <a href="#">Xeon</a> processor, can support up to 125W CPU
<b>Chipset</b>	Adopt Intel® W680 chipset
<b>Memory</b>	4* DDR4-3200 DIMM slot, up to 128GB, support ECC memory
<b>Display</b>	Integrated Intel®HD Graphics, support DirectX12.1, OpenGL4.5, 4K display 1* VGA, support resolution up to 1920X1200@60Hz 2* HDMI1.4, support resolution up to 4096x2160 @24Hz
<b>LAN</b>	2* Intel ®I226V Gigabit LAN port, support Wake On LAN / PXE
<b>Storage</b>	4* SATA3.0 hard disk port, transfer speed up to 6Gbps 1* MSATA SSD slot 1* M.2, support M.2 Key M 2280 NVME PCIE X4 / SATA SSD
<b>Audio</b>	Onboard ALC897 7.1+2 channel high definition audio controller, support MIC/Line-out/Line-in
<b>Expansion slot</b>	2* PCIE3.0 X16 slot (support 1*PCIE X16 signal; if install 2*X16, will be X8 signal) 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
<b>Rear I/O Port</b>	1* PS/2 port 1* DB15 VGA 1* HDMI1.4 2* DB9 RS232/RS485/RS422(default RS232), support pin9 charged function 2* USB2.0 4* USB3.0(10Gbps) 2* RJ-45 Gigabit LAN port 1* Triple layer audio port, support Line-out,MICK,Line-in
<b>Internal I/O Port</b>	2* USB2.0, 2*5pin 1* Vertical USB2.0 1*TYPE-E USB3.0 2* USB3.0, 2*10pin 1* Front panel audio port, 2*5pin 2* Front panel power button and LED port, 2*5pin



1\* 24pin ATX power connector, 2\*8pin ATX power connector  
 1\* PS/2 KB/MS port, 1\*6pin  
 1\* JVGA port, 1\*12pin, same signal with DB15  
 1\* JHDMI port, 2\*8pin  
 1\* TPM port, 2\*6pin  
 4\* RS232 COM port, 2\*5pin  
 1\* SIM slot  
 1\* LPT port, 2\*13pin

**Fan Connector** 1\*4pin CPU fan connector; 4\*4pin system fan connector  
**BIOS** 128Mb Flash ROM  
**Watchdog** Support hardware reset function (L256, 0~255 seconds)  
**OS Support** Windows 10/Windows 11/Linux  
**Power Type** Adopt ATX 24Pin and 8pin power supply  
**Operating Temp.** 0℃~60℃  
**Storage Temp.** -20℃~70℃  
**Relative Humidity** 5%-95% relative humidity, non-condensing  
**Humidity**  
**Dimension** 305mm x 245mm

## Order Information:

No.	Model	Processor	Frequency	Southbridge	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