ITX-VS250 VER:1.0

Model No.	ITX-VS250 VER:1.0
Processor	Support LGA1151 6th/7th/8th/9th Intel® Celeron/Pentium/Core™ i3/i5/i7/i9 processor
	Note:support 6/7gen 95W，8/9 gen only support： 6-core 65W and below CPU
Chipset	Adopt Intel® Q250 high speed chipset,
Memory	2x DDR4 DIMM memory slot, supports dual channels 2400MHz memory, up to 64GB
Display	Integrated Intel®HD Graphics ,support DirectX12.1,OpenGL4.5,support 4K
	1x VGA,the highest resolution supported:1920x1080@60Hz
	1x HDMI1.4,the highest resolution supported:4096x2304 @24Hz
Ethernet	2x Intel ®I210AT Gigabit Ethernet , supports Wake on LAN/PXE function
Storage	2x SATA3.0 , the transfer rate is up to6Gbps，
	1x M.2 slot,support M.2 2280 NVME PCIE X4 standard SSD
Audio	Onboard ALC888S 7.1+2-channel high-fidelity audio controller, supports MIC/Line-out
Expansion Slot	1x PCIE3.0 X16
	1x 80pin high-speed connector, including 4*PCIE signals, 1x VGA signal (matched with VS250-P4 small board)
Rear I /O interface	1x HDMI
	6x USB3.0(5Gbps)
	2x RJ45 Gigabit Ethernet
	1x Audio two and one interface (support Line-out/MICK)
Built in I/O interface	1x VGA pin header, choose one from VGA in 80pin high speed
	2x USB2.0, 2x 5pin
	1x Front audio interface, 2x 5pin
	1x Front panel function button and indicator light interface, 2x 5pin
	2x RS232, 2x 5pin
	1x 2*2pin ATX power input interface
	1x 24pin ATX power input interface
Fan Connector	1x 4pin CPU smart fan connector;1x 4pin system smart fan connector
GPIO	Supports four-in and four-out GPIO functions
BIOS	128Mb Flash ROM
Watchdog	Support hardware reset function (L256, 0~255 seconds)
OS	Windows7/Windows10/Linux
Power Type	Powered by ATX 24Pin and 4pin power supplies
Working temperature	0℃～60℃

Storage temperature	-20℃～70℃
Working Humidity	5%-95%(relative humidity, non-condensing)
Dimension	170mm x 170mm

Order information：

No.	Model	Processor	Frequency	Southbridge	Memory	VGA	HDMI	DP	LAN	USB	COM	RS485/422	Power
1	ITX-VS250 VER:1.0	LGA1151	/	Q250	2*DDR4	1	1	1	2*I210AT	8	2	/	ATX

Matching IO board

Model No.	VS250-P4 VER:1.0
Front panel interface	1* VGA (Choose one from the VGA interface on the motherboard)
	4* I210ATGigabit Ethernet,support POE
OS	Windows 10,Linux
Support board	Q250VS motherboard
Working temperature	-10℃~60℃
Storage temperature	-20℃~70℃
Working Humidity	5%—95%(relative humidity, non-condensing)
Dimension	138mm *65mm