

ITX-B690M1_I5210L VER:1.0



Specification:

Product number	ITX-B690M1_I5210L VER1.0
Processor	Integrated Intel®I5-6300U 2.4GHz dual-core quad-thread processor, TDP 15W
	Compatible with Intel® Skylake-U/Kabylake-U Pentium/Celeron/I3/I5/I7 low power processor
Chipset	SOC
RAM	2* SODIMM slot, support dual channel 2133MHz DDR4 memory,up to 32GB
Display	Integrated Intel® UHD Graphics 520, support DirectX 12, OpenGL 4.5, support 4K
	1* VGA interface, the highest supported resolution is: 1920X1200@60Hz
	1* HDMI1.4 interface, the highest supported resolution is: 4096X2304@24Hz
	1* LVDS interface, support dual-channel 24bit. (1*EDP is optional)
Ethernet	2* Intel WGI210AT Gigabit Ethernet,support Wake-on-LAN/PXE
Storage	1* SATA3.0 hard disk interface, the transfer speed can reach 6Gbps
	1* M.2 slot, support M.2 2280 NVME PCIE X4/SATA specification SSD
Audio	Onboard ALC897 7.1+2 channel high-fidelity audio controller, support MIC/Line-out. Power amplifier
	It is recommended to use a 2Ω5Wspeaker for the power amplifier
Expansion slot	1* Mini-PCIE slot, support WIFI, 4G module
Backplane I/O Interface	1* HDMI display interface
	1* DB15 VGA display interface
	2* USB3.0 interface
	2* RJ-45 Gigabit network interface (LAN1 and double-layer USB2.0 are on the same column)
	1* Line out interface (green), 1* MIC interface (red)
	1*DC12V power supply, supports 12V power input and output
Built-in I/O interface	1* JVGA interface, 1*12Pin(same signal as DB15)
	1* J_HDMI interface, 2*8Pin(same signal as HDMI of interface)
	1* LVDS interface 2*15pin, support dual channel 24BIT
	1* EDP interface (yellow) 2*15pin, and LVDS can be selected through jumper
	1* Screen backlight power supply interface, 1*6pin

	1* front audio interface, 2*5pin
	10* RS232 serial interface, COM1 supports the 9th pin live function, COM2 supports RS485/422 function.
	6* USB2.0 interface 2*5pin, F_USB3 and USB1 are optional
	1* Front panel switch button and indicator port, 2*5Pin
	1* hard drive power supply interface, 1*4pin
	1* Amplifier interface, 1*4pin
	1* 4pin DC power interface (can be used as 12V input and output power interface)
	1* SIM card slot
Fan interface	Fanless cooling design,reserved 1*4pin CPU fan interface, 1* 4pin system fan interface
GPIO	Support 4 input and output GPIO
BIOS	64Mb Flash ROM
Watchdog	Support hardware reset function (256 levels, 0~255 seconds)
Operating system	Windows 7/Windows 10/Linux
Power Type	DC 12V
Working temperature	-10℃～60℃
Storage temperature	-20℃～70℃
Working humidity	5%-95% relative humidity, no condensation
Dimension	170mm x 170mm

Order information:

NO.	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	RS485	Power
1	ITX-B690M1_I5210L VER:1.0(6300U)	I5-6300U	2.4G	2*SODDDR4	1	1	1	1	2*210AT	8	10	COM2	DC12V