ITX-B680M1_I526L VER:1.0

[I5-7300U]

Specification:

Model No.	ITX-B680M1_I526L VER:1.0 (7300U)
processor	Integrated Intel®I5-7300U 2.6GHz dual-core quad-thread processor, TDP 15W
	Compatible with Intel Skylake-U/Kabylake-U Pentium/Celeron/I3/I5/I7 low-power processors
Chipset	SOC
RAM	2*DDR4 SODIMM memory slot, support 2133MHz memory, maximum support 32GB
Display	Integrated Intel®HD Graphics 620, support DirectX 12, OpenGL 4.5, support 4K
	1*VGA interface, the highest resolution supported is: 1920X1200@60Hz
	1*HDMI1.4 interface, the highest resolution supported is: 4096X2304@24Hz
	1*Support dual channel 24bit LVDS interface, (1*EDP is optional)
Ethernet	2* Intel WGI210AT Gigabit network card, support Wake on LAN, PXE function
Storage	1* SATA3.0 hard disk interface, the transmission speed can reach 6Gbps
	1* MSATA slot, SSD solid state drive supporting Intel protocol, transmission speed up to 6Gbps
	Note: It can support TPM-4COM board to expand 4 serial ports, which requires changing BIOS
	1* M.2 slot, support M.22280 NVMEPCIE X4/SATA SSD
Audio	Integrated ALC897 7.1+2 channel high-fidelity audio controller, support MIC, Line_out and power amplifier
	Support power amplifier 2Ω5W speaker
Expansion slot	1* Mini-PCIE slot, support WIFI/4G module
Backplane I/O interface	2* USB3.0
	1* HDMI port
	1* DB15 VGA interface
	2* RJ45 Gigabit network interface (LAN1 and double-layer USB2.0 are on the same column)
	1* Line-out (green), 1*MIC (red)
	1* DC12V power supply, support 12V power input and output
Built-in I/O interface	1* JVGA1 interface, 1*12pin (same signal with DB15)
	1* JHDMI interface, 2*8pin (same signal as HDMI interface)
	1* LVDS interface, 2*15pin, support dual channel 24bit
	1* LVDS backlight power supply interface, 1*6pin

	1* EDP interface (yellow), 2*15pin, select one from LVDS through jumper, default LVDS
	6* RS232 serial interface, COM1 supports 9th pin with power, COM2 supports RS485/422 function
	6* USB2.0 interface, 2*5pin
	1* Front audio interface, 2*5pin
	1* Front panel switch button and indicator light interface, 2*5Pin
	2* Hard disk power supply interface, 1*4pin
	1* power 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	1* 4pin CPU smart 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)
Power type	Powered by DC 12V power supply
operating system	Windows 7/ Windows 10/ Linux
Operating temperature	-10℃～60℃
Storage temperature	-20℃～70℃
Working humidity	5%-95% relative humidity, non-condensing
Dimension	170mm x 170mm

Order information:

NO.	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	485/422	Power
1	ITX-B680M1_I526L VER:1.0(7300U)	I5-7300U	2.5G	2*SODDR4	1	1	2ch/24Bit	1	2*210AT	8	6	COM2	DC12V