

# ITX-B102\_I512L VER:1.1

(8260U)



<b>Model No.</b>	ITX-B102_I512L VER:1.1(8260U)
<b>Processor</b>	Integrated 8 Gen Intel®I5 8260U 1.6GHz quad-core eight-thread processor,TDP 15W
	Compatible with Intel®Whiskey Lake-U/Comet Lake-U/Coffe Lake-U 8th/10th Celeron /Pentium/I3/I5/I7 low power processor
<b>Chipset</b>	SOC
<b>Memory</b>	2* DDR4 SODIMM memory slot,supports 2666MHz memory,up to 64GB
<b>Display</b>	Integrated Intel® UHD Graphics ,supports DirectX 12 OpenGL 4.5, supports 4K
	1*VGA, The maximum resolution supported is: 1920X1200@60Hz
	1*HDMI1.4, The maximum resolution supported is: 4096x2304@24Hz
	1*Support dual-channel 24bit LVDS interface, choose one from EDP, default LVDS
<b>Ethernet</b>	1* Intel I225 Gigabit Ethernet ,supports Wake on LAN/PXE function
<b>Storage</b>	1* SATA3.0 hard disk interface,the trasfer rate is up to 6Gbps
	1* MSATA slot, SSD solid state drive supporting Intel protocol,the trasfer rate is up to 6Gbps
	1* M.2 slot,supports M.2 2260/2280 NVME PCIE x4/SATA SSD
	Note: Choose one of MSATA and TPM-4COM, you can use TPM-4COM to expand 4 serial ports, when using TPM-4COM small board, you can use M.2 SSD
<b>Audio</b>	Integrated ALC892 7.1+2 channel high-fidelity audio controller, supports MIC, Line_out, power amplifier
	Support power amplifier 2 Ω 3W horn
<b>Expansion Slot</b>	1* Mini-PCIE slot,supports WIFI/4G mouldle
<b>Backplane I / O interface</b>	2* USB3.0, 2*USB2.0
	1* HDMI
	1* DB15 VGA
	1* RJ45 Gigabit Network Interface
	1* Line-out(Green) , 1*MIC(red)
	1* DC12V power interface, supports 12V power input
<b>Built in I / O interface</b>	1* JVGA1, 1*12pin(Same signal as DB15)
	1* JHDMI, 2*10pin, Same signal as HDMI
	1* LVDS, 2*15pin, supports Dual channel 24bit,
	1* LVDS Backlight power supply interface 1*6pin
	1* Screen brightness adjustment interface 1*4pin
	2* RS232 serial interface,,COM2 supports the 9th pin live function, COM2 supports RS485/422 function

	1* PS/2 Keyboard and mouse interface (red)1*6Pin
	4* USB2.0 interface 2*5pin ,
	1* front audio interface 2*5pin
	1* LPT print interface 2*13pin
	1* front panel switch button and indicator light interface 2*5Pin
	1* HDD power supply interface 1*4pin
	1* amplifier interface 1*4pin
	1* DC power interface, 1*4pin (Can be used as 12V input power interface)
	1* SIM card slot
<b>Fan Connector</b>	1*4pin CPU smart fan connector, 1* 4pin system fan connector
<b>GPIO</b>	Support 4-way input output GPIO function
<b>BIOS</b>	128Mb Flash ROM
<b>Watchdog</b>	Support hardware reset function (L256, 0~255 seconds)
<b>Power Type</b>	DC 12V
<b>OS</b>	Windows 10 ,/Linux
<b>Working temperature</b>	-10℃~60℃
<b>Storage temperature</b>	-20℃~70℃
<b>Working Humidity</b>	5%-95%( relative humidity, non-condensing)
<b>Dimension</b>	170mm x 170mm

## Order information:

NO.	Model	Processor	Frequenc	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	485	Power
1	ITX-B102_I512L	8260U	1.6G	2*SODDR	1	1	2ch/24B	/	1*I225	8	2	COM2	DC12