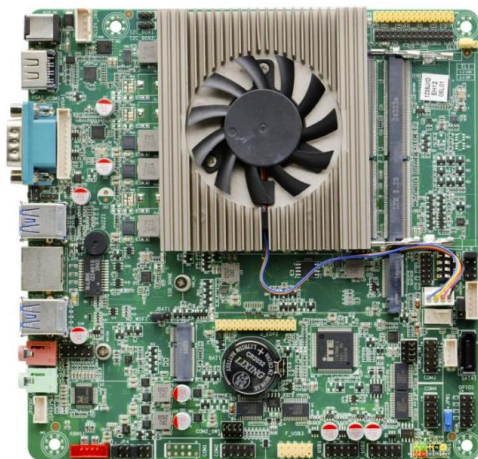


ITX-LS121_I512L VER:1.0(1235U)



Specification:

Model No.	ITX-LS121_I512L VER:1.0(1235U)
Processor	Integrated Intel®Alder Lake 12th Core I5-1235U 10 cores 12 thread processor, TDP 15W
	Compatible with Intel®Alder Lake/Raptor Lake 12th/13th Celeron/I3/I5/I7 Processor
Chipset	SOC
Memory	2*DDR4 SODIMM memory slot, Supports 3200MHz, up to 64GB
Display	Integrated Intel® Iris® Xe Graphics core graphics card, Supports DirectX12.1, OpenGL4.6, and 4K/60Hz display
	1*VGA,The highest resolution supported is 1920x1080@60Hz
	1*HDMI2.0,The highest resolution supported is 3840x2160@60Hz
	1* LVDS, supporting dual-channel 24BIT
	2* EDP interface, and LVDS interface through the jumper(EDP1 and LVDS are optional)
	Note: It can support dual EDP display or LVDS+EDP display. The supported display combinations are: LVDS single display, EDP1 single display, LVDS+EDP2 dual display, EDP1+EDP2 dual display. J_EDP2 cannot be used alone.
Ethernet	1* 8111H Gigabit Ethernet, Supports network wake up /PXE function
Storage	1* 7pin SATA3.0 hard disk interface, transmission rate up to 6Gbps
	1* M.2 slot, supporting M.22280 NVME PCIE X1/SATA SSD
Audio	Onboard ALC897 7.1+2 channel high-fidelity audio controller, support MIC/Line_out,power amplifier
	The amplifier supports 4Ω/3W dual channels
Expansion Slot	1* M.2 slot, supporting the M.2 2230 WIFI module
Rear I/O interface	1* DC12V power port ,supports 12V power input and output
	1* HDMI2.0
	1* DB9 RS232 serial port (DB15 VGA are optional)
	4*USB3.0
	1* RJ45 Gigabit network interface
	1* Line out interface (green), 1* MIC interface (red)
Built in I/O interface	1* JVGA pin port, 1*12pin, same signal as DB15
	1* LVDS, 2*15pin
	1* EDP interface, 2*15pin (LVDS are optional by jumping)
	1* screen backlight power supply interface, 1*6pin
	4* RS232 serial port, of which COM2 supports RS485
	1* front audio interface, 2*5Pin

	1*power amplifier interface, 1*4Pin
	1*Function buttons and indicators on the front panel, 2*5Pin
	6*USB2.0, 2*5pin
	1* PS/2 keyboard and mouse interface, 1*6pin
	1* hard drive power port, 1*4pin
	1*TPM, 2*6pin
	1*4pin DC power interface, support 12v power input and output
	1*SIM card slot
Fan Connector	1*4pin CPU intelligent fan interface; 1*4pin system fan port
GPIO	Support 4-way input output GPIO function
BIOS	256Mb Flash ROM
Watchdog	Support hardware reset function (L256, 0~255 seconds)
Power Type	DC12V power supply
operating system	Windows 10/Linux
Working 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	EDP	LVDS	LAN	USB	COM	RS485/422	Power
1	ITX-LS121_I512L VER:0.1(1235U)	I5-1235U	4.4GHz	2*SODDDR4	/	1	2	2ch/24Bit	1*8111H	10	4	COM2	DC12V