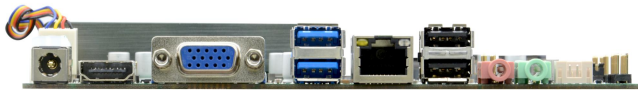# ITX-B101_C312L VER:1.0(5205U)规格表

ITX-B101_C312L VER:0.3 主板正面图

ITX-B101_C312L VER:0.3 主板 IO 图

ITX-B101_C312L VER:0.3 主板侧面图

Product number	ITX-B101_C312L VER:1.0(5205U)
processor	Integrated 10th generation Intel® Celeron 5205U 1.9GHz dual-core two-thread processor, TDP 15W Compatible with Intel® Comet Lake-U Celeron/Pentium/I3/I5/I7 low power processors
chipset	SOC
RAM	2*DDR4 SODIMM memory slots, support 2666MHz memory, up to 64GB
show	Integrated Intel® UHD Graphics, 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, choose one from EDP, default LVDS
The internet	1* Intel I225 Gigabit LAN, 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 1* M.2 slot, support M.2 2260/2280 NVME PCIE x4 standard SSD Note: Choose either MSATA or TPM-4COM, you can use TPM-4COM to expand 4 serial ports, when using TPM-4COM small board, you can use M.2 SSD
audio	Integrated ALC892 7.1+2 channel high fidelity audio controller, support MIC, Line_out, power amplifier Support power amplifier 2Ω 5W speaker
Expansion slot	1* Mini-PCIE slot, support WIFI/4G module
Backplane I/O Interface	2* USB3.0 interface, 2*USB2.0 interface 1* HDMI port 1* DB15 VGA port

	1* RJ45 Gigabit network interface
	1*Line-out(green), 1*MIC(red)
	1* DC12V power interface, support 12V power input
Built-in I/O interface	1* JVGA1 interface 1*12pin (same signal as DB15)
	1* JHDMI interface 2*10pin, same signal as HDMI interface
	1* LVDS interface 2*15pin, support dual channel 24bit,
	1* LVDS backlight power supply interface 1*6pin
	1* Screen brightness adjustment interface 1*4pin
	2* RS232 serial interface, COM1 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 printing interface 2*13pin
	1* Front panel switch button and indicator port 2*5Pin
	1* HDD power supply interface 1*4pin
	1* Amplifier interface 1*4pin
	1* 4pin ATX power interface (can be used as 12V input power interface)
	1* SIM card holder
Fan interface	1*4pin CPU smart fan connector, 1* 4pin system fan connector
GPIO	Support 4-way input and output GPIO function
BIOS	128Mb Flash ROM
watchdog	Support hardware reset function (256 levels, 0~255 seconds)
Power Type	Powered by DC 12V power supply
operating system	Windows 10,/Linux
Operating temperature	-10℃～60℃
Storage temperature	-20℃～70℃
Working humidity	5%-95% relative humidity, no condensation

size   170mm x 170mm

订购信息

NO.	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	485	Power
1	ITX-B101_C312L VER:1.0(5205U)	5205U	1.9G	2*SODDR4	1	1	2ch/24Bit	/	1*I225	8	2	COM2	DC12V