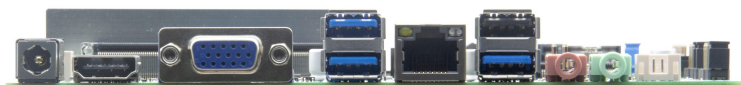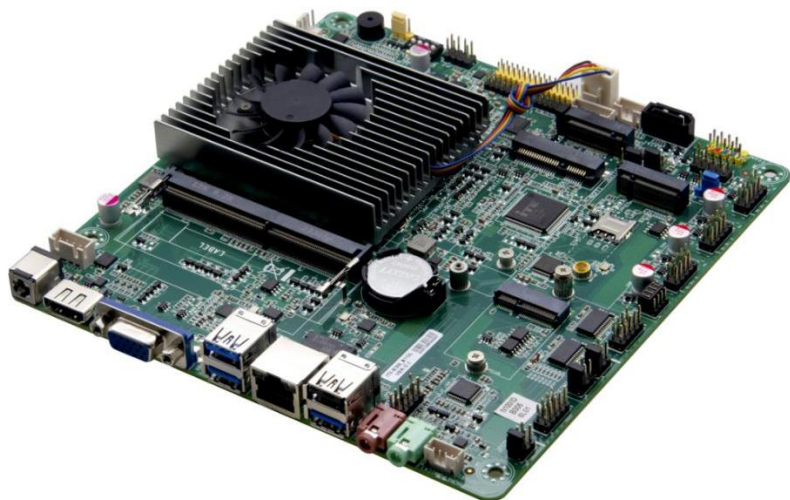# ITX-B306_N112L VER:1.0 规格表

ITX-B306_N112L VER:0.1 主板正面图

ITX-B306_N112L VER:0.1 主板 IO 图

ITX-B306_N112L VER:0.1 主板侧面图

Product model	ITX-B306_N112L VER:1.0(N100)
processor	Integrated Intel®Alder Lake-N N100 3.4GHz quad-core quad-thread processor, TDP 6W, Compatible with the full range of Intel® Alder Lake-N cpus, customers can flexibly choose
chipset	SOC
Internal memory	1* SODIMM slot for a single channel of 3200MHz DDR4 memory (up to 16GB)
display	Integrated Intel® UHD Graphics core graphics card, support DirectX 12.1, OpenGL4.6
	1* VGA,1*HDMI1.4 interface,1* LVDS interface,1* EDP interface
network	Note:LVDS and EDP interfaces are either via jump
Storage	1* RTL8111H Gigabit NIC, supports network wake up and PXE functions
	1* 7pin SATA3.0 hard disk interface, transmission rate up to 6Gbps
	1* MSATA slot, support SSD SSD,SSD transfer speed up to 6Gbps
	1 x M.2 slot, supporting the M.2 Key M 2280 PCIE X1 SSD
Tone frequency	Onboard ALC897 7.1+2 channel hi-fi audio controller with MIC/Line-out support. Power amplifier
	The power amplifier is recommended to use a 4Ω3W speaker
Expansion slot	1 x M.2 slot, supporting the M.2 Key B 2242/2252 5G module
	1* M.2 slot, supporting the M.2 Key E 2230 WIFI module
I/O ports on the backplane	1* DC 12V power input port
	The 1* VGA display port is optional from the DB9 serial port
	1* HDMI2.0 display interface
	3* USB3.0 ports,1* USB2.0 ports
	1* RJ45 Gigabit network port
	1* Line-out (green), 1*MICK(red)

Built-in I/O interface	1* DC power interface, 1*4pin support 12V power input and output
	1* JVGA port 1*12pin, same signal as DB15
	1* LVDS interface, 2*15pin, support dual channel 24BIT,
	1* EDP interface (yellow), 2*15pin, with LVDS for one of two via jump
	1* screen backlight power supply interface 1*6pin
	6* USB2.0 interface, 2*5pin
	2* RS232 serial interface,COM1/2 support 9pin live function,COM2 support RS485/422 function,COM1 and external DB9 for one of two options
	1* hard drive power port 1*4pin
	1* front audio interface 2*5pin
	1* power amplifier interface 1*4pin
	1* LPT interface 2*13pin
	1* SIM card slot
	1* Front panel function button and indicator port 2*5pin
Fan interface	1*4pin CPU intelligent fan interface,1*4pin system fan interface
GPIO	Supports four input/output GPIO
BIOS	256Mb Flash ROM
Guard dog	Support hardware reset function (256 level, 0~255 seconds)
Operating system	Windows 10/Windows 11/Linux
Power supply type	Adopts DC 12V power supply
Operating temperature	-10℃ to 60℃
Storage temperature	-20℃ to 70℃
Working humidity	5%-95% relative humidity, no condensation

Size	170mm * 170mm

订购信息：

NO.	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	485/422	Power
1	ITX-B306_N112L VER:1.0(N100)	N100	3.4G	1*SODDR4	1	1	2ch*24BIT	1	1*8111H	10	2	COM2	DC12V