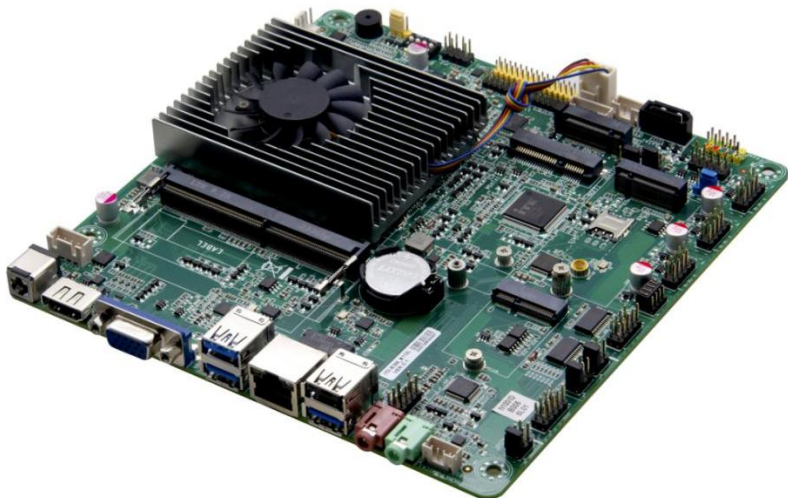
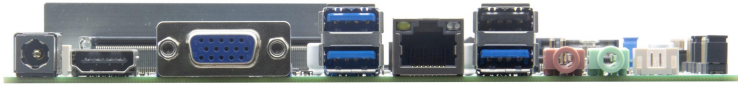


ITX-B306_N112L VER:0.1

【N100】



Model NO.	ITX-B306_N112L VER:0.1(N100)
Processor	Integrated Intel®Alder Lake-N N100 3.4GHz quad-core quad- thread processor , TDP 6W Compatible with Intel® Alder Lake-N full range of CPUs for customers to choose flexibly
Chipset	SOC
Memory	1x SODIMM memory slot, single channels 3200MHz DDR4 memory ,up to16GB
Display	Integrated Intel® UHD Graphics ,support DirectX 12.1, OpenGL4.6
	1x VGA,1x HDMI1.4,1x LVDS, 1x EDP Note: The LVDS and EDP interfaces are selected through hopping.
Ethernet	1x RTL8111H Gigabit Ethernet ,supports Wake on LAN/PXE function
Storage	1x 7pin SATA3.0,the transfer rate is up to 6Gbps
	1x MSATA slot, supports SSD solid state drive, SSD transmission speed up to 6Gbps
	1x M.2 slot, supports M.2 Key M 2280 PCIE X1 standard SSD
Audio	Onboard ALC897 7.1+2 channel high fidelity audio controller,supporting MIC/Line-out,power amplifier
	Suggest power amplifier use 4Ω3W horn
Expansion Slot	1x M.2 slot, supports M.2 Key B 2242/2252 5G module
	1x M.2 slot, supports M.2 Key E 2230 WIFI module
Rear I/O interface	1x DC 12V
	1x VGA display interface, alternative to DB9 serial port
	1x HDMI2.0
	3x USB3.0,1* USB2.0
	1x RJ45 Gigabit Network Interface
	1x Line-out (Green) ,1x MICK (Red)
Built in I/O interface	1x DC power interface, 1x 4pin supports 12V power input and output
	1x JVGA,1x 12pin,(Same signal as DB15)
	1x LVDS,2*15pin. Support dual channel 24BIT,
	1x EDP interface (yellow), 2x 15pin, with LVDS, choose one of the two via jump
	1x Screen backlight power supply interface 1x 6pin
	6x USB2.0,2x 5pin

	2x RS232 serial interface, COM1/2 supports the 9th pin live function, COM2 supports RS485/422 function, COM1 and external DB9 are optional.
	1x Hard disk power supply interface, 1x 4pin
	1x Front audio interface, 2x 5pin
	1x Power amplifier interface, 1x 4pin
	1x LPT, 2x 13pin
	1x SIM card slot
	1x Front panel function button and indicator light interface 2x 5pin
Fan Connector	1x 4pin CPU smart fan connector, 1x 4Pin system smart fan connector
GPIO	Support 4-way input output GPIO function
BIOS	256Mb Flash ROM
Watchdog	Support hardware reset function (L256, 0~255 seconds)
Power Type	Windows 10/Windows 11/Linux
Working temperature	DC 12V
Storage temperature	-10°C ~60°C
Working Humidity	-20°C ~70°C
Dimension	5%-95%(relative humidity, non-condensing)
Watchdog	170mm x 170mm

Order information:

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*SODDDR4	1	1	2ch*24BIT	1	1*8111H	10	2	COM2	DC12V