

ITX-LS307_N112L VER:1.0



Specification:

Model No.	ITX-LS307_N112L VER:0.1(N100)
Processor	Integrated Intel® Alder Lake-N N100 Base Frequency 0.8GHz Max Turbo Frequency 3.4GHz quad-core quad-thread processor, TDP 6W Compatible with Intel® Alder Lake-N all series CPU
Chipset	SOC
RAM	1* SODIMM memory slot, support single channel 3200MHz DDR4 memory, up to 16GB
Display	Integrated Intel® UHD Graphics, support DirectX 12.1, OpenGL4.6 1* VGA, 1*HDMI2.0, 1* LVDS, 2* EDP Note: The LVDS and EDP1 interfaces are selected by wire jumper(LVDS default) Supports dual EDP display or LVDS+EDP display
Ethernet	1* RTL8111H Gigabit LAN, support Wake-on-LAN, PXE function
Storage	1* 7pin SATA3.0 hard disk interface, transfer rate up to 6Gbps 1* M.2 slot, support M.2 Key M 2280 PCIE X1 specification SSD
Audio	Onboard ALC897 7.1+2 channel Hi-Fi audio controller,support MIC/Line-out.Power amplifier It is recommended to use a 4Ω3W speaker for the power amplifier
Expand slot	1* M.2 slot, support M.2 Key E 2230 WIFI module
Backplane I/O Interface	1* DC 12V power supply input interface 1* DB9 (DB15 is optional) 1* HDMI1.4 2* USB3.0; 2* USB2.0 1* RJ45 Gigabit network interface 1* Line-out(green), 1*MICK(red)
Built-in I/O interface	1* DC power supply interface, 1*4pin support 12V power input output 1* JVGA, 1*12pin (same signal as DB15) 1* LVDS, 2*15pin, support dual channels 24BIT 2* EDP(yellow), 2*15pin(The LVDS and ED1P interfaces are selected by wire jumper) 1* Screen backlight power supply interface, 1*6pin 6* USB2.0, 2*5pin; F_USB1 and F_USB2 are USB ports transferred from PCIE 1* RS232 serial port,COM1/2 Support the 9th pin charging function, COM1 and external

	DB9 are optional
	1* Hard drive power supply interface, 1*4pin
	1* Front panel audio interface, 2*5pin
	1* Amplifier interface, 1*4pin
	1* Front panel function button and indicator interface, 2*5pin
Fan interface	Reserved 1*4pin CPU smart fan interface, 1*4pin system fan interface
GPIO	Support 4 input and output GPIO
BIOS	256Mb Flash ROM
Watchdog	Support hardware reset function(256 levels, 0~255 seconds)
Operating system	Windows 10/Windows 11/Linux
Power Type	Powered by DC 12V power supply
Operating temperature	-10℃～60℃
Storage temperature	-20℃～70℃
Working humidity	5%-95% relative humidity, no condensation
dimension	170mm x 170mm

Order information:

NO.	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	485/422	Power
1	ITX-LS307_N112L VER:1.0(N100)	N100	3.4G	1*SODDR4	1	1	2ch*24BIT	2	1*8111H	10	2	/	DC12V