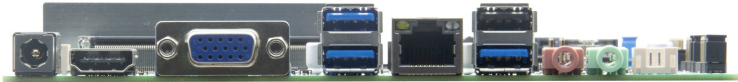


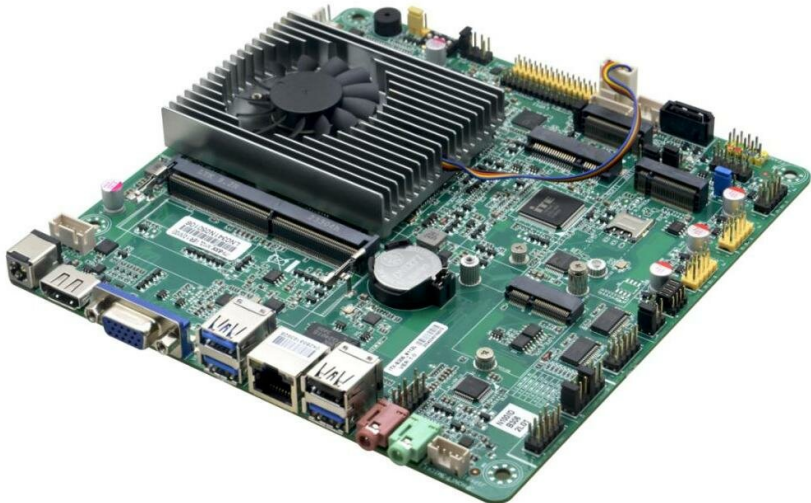
ITX-N100 Specification



ITX-N100 Front View



ITX-N100 IO View



ITX-N100 Lateral View

Model No.	ITX-N100
Processor	Onboard Intel®Alder Lake-N N100 3.4GHz quad cores 4-thread CPU, TDP 6W Compatible with Intel® Alder Lake-Nfull series CPU
Chipset	SOC
Memory	1* SODIMM DDR4 RAM slot, 3200MHz, up to 16GB
Display	Integrated Intel® UHD Graphics, support DirectX 12.1' OpenGL4.6 1* VGA, 1*HDMI1.4, 1* LVDS, 1* EDP Note: LVDS / EDP selectable via jumper
LAN	1* RTL8111H Gigabit Ethernet, support Wake On LAN, PXE
Storage	1* 7pin SATA3.0 hard disk port, transfer speed up to 6Gbps 1* MSATA SSD slot, transfer speed up to 6Gbps 1* M.2 slot, support M.2 Key M 2280 PCIE X1 SSD Note: M.2 support PCIE X1 / SATA (auto detect); SATA / MSATA optional, default MSATA
Audio	Onboard ALC897 7.1+2 channel high definition audio controller, support MIC/Line-out, amplifier. Amplifier support 4 ^Ω 3W speaker
Expansion	1* M.2 slot, support M.2 Key B 2242/2252 5G module
Slot	1* M.2 slot, support M.2 Key E 2230 WiFi module
Rear I/O Port	1* 12V DC_In jack 1* VGA port (VGA / DB9 COM optional) 1* HDMI1.4 3* USB3.0, 1* USB2.0 1* RJ45 Gigabit Ethernet 1* Line-out (green), 1*MICK(red)
Internal I/O Port	1* DC connector, 1*4pin, support 12V power input output 1* LVDS port, 2*15pin, support dual channel 24BIT 1* EDP port (yellow), 2*15pin, EDP / LVDS selectable via jumper 1* Screen backlight power supply port, 1*6pin 6* USB2.0, 2*5pin, F_USB1 / F_USB2 signal from PCIE 2* RS232, COM1/2 support pin9 charging function, COM2 RS485/422 selectable,

COM1 / external DB9 optional

1* SATA power supply port, 1*4pin

1* Front audio port, 2*5pin

1* Amplifier port, 1*4pin

1* SIM

1* Front panel power and LED port, 2*5pin

Fan Connector 1*4pin CPU smart fan connector, 1*4pin system fan connector

GPIO

4-in 4-out GPIO

BIOS

256Mb Flash ROM

Watchdog

Support hardware reset function (L256, 0~255 seconds)

OS Support

Windows 10/Windows 11/Linux

Power Type

DC 12V

Working Temp.

-10°C ~60°C

Storage Temp.

-20°C ~70°C

Relative Humidity

5%-95% relative humidity, non-condensing

Dimension

170mm x 170mm

Order Information:

NO.	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	485/422	Power
1	ITX-N100	N100	3.4G	1*SODDDR4	1	1	2ch*24BIT	1	1*8111H	10	2	COM2	DC12V