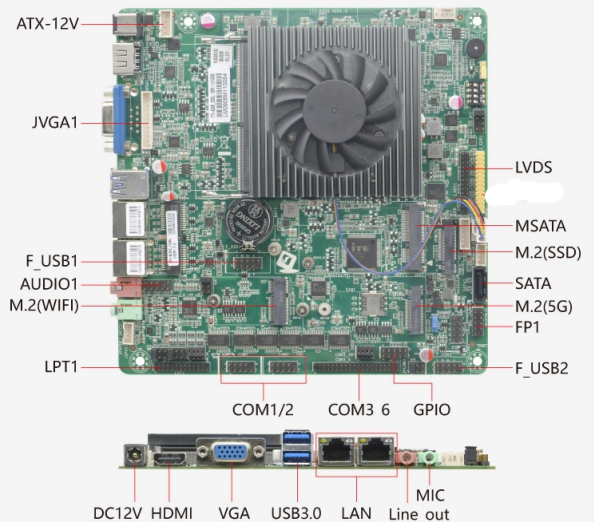
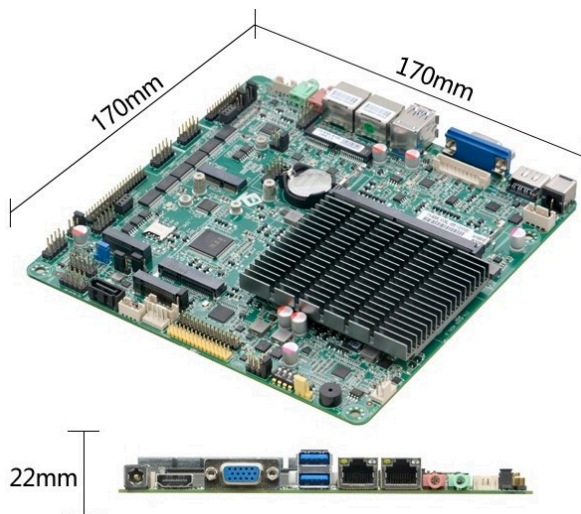


Thin-itx Motherboard

CPU

Intel Core I3-N305
3.8GHz octa-core
eight-thread



Műszaki adatok / Specifications

Product model	ITX-N305
Processor	Integrated Intel® Alder Lake-N Core I3-N305 3.8GHz octa-core eight-thread processor, TDP 15W, 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*HD OUTPUT2.0 interface,1* LVDS interface,1* EDP interface,Note: LVDS and EDP interfaces are adaptive
Network	2* RTL8111H Gigabit NIC, supports network wake up and PXE functions
Store	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	1 x M.2 slot, supporting the M.2 Key B 2242/2252 5G module
Backplane I/O Interface	1* DC12V power input port
	1* VGA display port
	1* HD OUTPUT2.0 display interface
	2* USB3.0 interface,
	2* RJ45 Gigabit network interface 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, and LVDS for adaptive choice
	1* screen backlight power supply interface 1*6pin
	6* USB2.0 interface, 2*5pin
	6* RS232 serial interface,COM1/2 support 9pin live function,COM2/COM3 support RS485/422 function,
	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	DC 12V power supply
Operating temperature	-10°C to 60°C
Storage temperature	-20°C to 70°C
Working humidity	5%-95% relative humidity, no condensation
Dimension	170mm x 170mm

Rendelési info / Order Info.

TYPE	Leírás / description
ITX-B305-N305	CPU: I3-N305 3.8G 2*LAN 6*COM 6*USB 12VDC
ITX-B305-N100	CPU: N100 3.4G 2*LAN 6*COM 6*USB 12VDC