

ITX-1235U Specification



ITX-1235U Front View



ITX-1235U I/O View



ITX-1235U Lateral View

Model No.	ITX-1235U
Processor	Onboard Intel®Alder Lake 12th Core I5-1235U 10 cores 12-thread CPU, TDP 15W Compatible with Intel®Alder Lake/Raptor Lake 12th/13th Celeron/I3/I5/I7 CPU
Chipset	SOC
Memory	2* DDR4 SODIMM RAM slot, 3200MHz, up to 64GB
Display	Integrated Intel® Iris® Xe Graphics, support DirectX12.1,OpenGL4.6, 4K/60Hz 1* VGA, support resolution up to 1920x1080@60Hz 1* HDMI2.0, support resolution up to 4096x2304@60Hz 1* HDMI1.4, support resolution up to 4096x2304@24Hz 1* LVDS port, support dual channel 24BIT 1* EDP port, EDP / LVDS selectable via jumper
LAN	2* Intel KT1226V Gigabit Ethernet, support Wake On LAN / PXE
Storage	1* 7pin SATA3.0 hard disk port, transfer speed up to 6Gbps 1* M.2 slot, support M.2 2280 NVME PCIE 3.0 x4 SSD
Audio	Onboard ALC897 7.1+2 channel high definition audio controller, support MIC/Line-out, amplifier. Amplifier support 4Ω/3W dual channel
Expansion	1* M.2 slot, support M.2 2230 WiFi module
Sot	1* M.2 slot, support M.2 2242/2252 4G/5G module
Rear I/O Port	1* DC12V power connector, support 12V power input output 1* HDMI2.0 1* VGA 2* USB3.0 (5Gbps) 2* RJ45 Gigabit LAN port (LAN2 / USB2.0 optional) 1* Line-out(green), 1*MICK(red)
Internal I/O Port	1* JVGA port, 1*12pin, same signal with DB15 1* JHDMI port, 2*8pin, independent display 1* LVDS port, 2*15pin 1* EDP port, 2*15pin, EDP / LVDS selectable via jumper 1* Screen backlight power supply port, 1*6pin 6* RS232, COM1 support pin9 charged function, COM2/3 RS232/485/422 selectable 1* Front audio port, 2*5pin 1* Amplifier port, 1*4pin 1* Front panel power button and LED indicator port, 2*5pin 6* USB2.0, 2*5pin



2* USB3.0, 2*10pin
 1* PS/2 KB/MS port, 1*6pin
 1* SATA power supply port, 1*4pin
 1* TPM port, 2*6pin
 1* 4pin DC power connector, support 12V power input output
 1*4pin CPU smart fan connector; 1*4pin system fan connector

Fan

Connector

GPIO Support 4-in 4-out GPIO

BIOS 256Mb Flash ROM

OS Support Windows 10/Windows 11/Linux

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

Power Type DC 12V

Operating 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	Processo	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	US	COM	485/422	Power
1	ITX-1235U	I5-1235U	4.4G	2*SODDR4	1	2	2ch/24Bit	1	2*1226V	8	6	COM2/3	DC12V
2	ITX-1255U	I7-1255U	4.7G	2*SODDR4	1	2	2ch/24Bit	1	2*1226V	8	6	COM2/3	DC12V
3	ITX-1255U-A	I7-1255U	4.7G	2*SODDR4	1	2	2ch/24Bit	1	1*1226V	8	6	COM2/3	DC12V
4	ITX-1215U-A	I3-1215U	4.4G	2*SODDR4	1	2	2ch/24Bit	1	1*1226V	8	6	COM2/3	DC12V