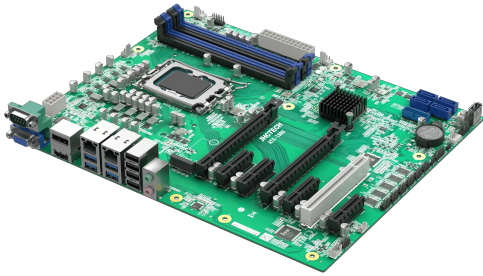


Key Features



- Intel 12th/13th Gen. Alder lake-S/Raptor Lake-S Core i9/i7/i5/i3/Pentium/Celeron CPU, LGA1700 Socket
- Intel Q670, high-performance chipsets
- Dual - channel 4*DDR4 3200MHz UDIMM, upto 128GB
- Intel UHD Graphic, 1*DP+1*HDMI+1*VGA, three independent displays
- 1*I219LM and 1*I226V, dual Gigabit network ports
- 6*USB3.2, 7*USB2.0, 6*COM, 8bit DIO
- 2*PCIeX16(X8 signal), 1*PCI, 4*PCIeX4 (3 for X4 signal, 1 for X1 signal) , a total of seven slots, 1*M.22280M-key
- 4*SATA3.0 6.0Gbps, support Raid 0/1/10/5
- 24pin ATX +8pin 12V ATX power

Specifications

Processor System	Intel 12th/13th Gen. Alder lake-S/Raptor Lake-S Core i9/i7/i5/i3/Pentium/Celeron CPU Intel Q670 LGA 1700
Expansion Slot	1 - 2*PCIe X4 Gen4.0 slot(X4 signal) 2*PCIe X16 Gen5.0 slot(X8 signal) - 1*M.2 2280 M-key(PCIe X4 Gen4.0)
Memory	dual channel DDR4 3200MHz 128 GB 4*288-pin Non-ECC UDIMM
Graphics	Intel Xe 700 series UHD Graphics
Ethernet	10/100/1000 Mbps 1*Intel I226V, 1*Intel I219LM
SATA	4*SATA3.0
Rear I/O	1 - 1*Intel I225V, 1*Intel I219LM, 4*USB3.2 Gen2 (10Gb/s, Type A), 4*USB2.0(Type A) 1*Line out+1*Mic 4*USB2.0(Type A) 1*Line out+1*Mic 1*COM(RS232/422/485, DB9) 1 1 -
Internal Connectors	2*USB3.2 Gen2, 3*USB2.0 5*COM(1*RS232/422/485, 4*RS232, 2*5pin dupont pin) 4*SATA3 - 8bit DIO(2*5pin dupont pin)
Watchdog Timer	Watchdog timeout programmable via software 1 to 255 second -
Power Requirement	24-pin ATX + 8-pin 12V
Environment	Operating Non-Operating 0 ~ 60° C -40 ~ 85° C
Physical Characteristics	ATX (12-in x 9.6-in)

Ordering Information

iRMB-1301

LGA1700 12th/13th/14th Intel® Core™ i9/i7/i5/i3/Celeron, Gen. CPU supported ATX MB with DP/HDMI/VGA, 6 COM, 13 USB & Dual GbE LAN