

Key Features



- Intel 10th Gen. Cometlake-S Core i9/i7/i5/i3/Pentium/Celeron CPU , Intel H420E Chipset
- Dual channel 2*DDR4 2933MHz DIMM, up to 64GB
- Intel UHD Graphic, 1*VGA+1*HDMI dual independent display
- 1*I219LM Gig. Ethernet+1*I225V 2.5Gig. Ethernet
- 6*USB3.0, 4*USB2.0, 6*COM, 8bit DIO
- 1*PCIeX16, 3*PCI, 3*PCIeX4(X1 signal)
- 4*SATA3.0 6.0Gbps, audio(Opt.), TPM2.0(Opt.)
- 24pin ATX +8pin 12V ATX power

Specifications

Processor System	Intel 10th Gen. Cometlake-S Core i9/i7/i5/i3/Pentium/Celeron CPU Intel H420E LGA 1200
Expansion Slot	3 - 3*PCIeX4(X1 signal) 1*PCIeX16 1 x Full-size PCIe Mini card slot (support mSATA) -
Memory	Dual channel DDR4 2400/2666/2933MHz 64 GB 2*288-pin Non-ECC UDIMM
Graphics	Intel UHD Graphics
Ethernet	10/100/1000 Mbps 1*Intel I225V
SATA	4*SATA3.0
Rear I/O	1 - 1*Intel I225V, 10M/100M/1000M/2.5G self-adapt 1*Intel@I219LM, 10/100/1000Mbps 4*USB3.2 Gen1 (5Gb/s)(Type A), 4*USB2.0(Type A) 1*Line out+1*Mic 6*COM 1 - 1 x PS/2 combo
Internal Connectors	2*USB3.2 Gen1(5Gb/s) pinheader 4*RS232 pinheader 4*SATA3 1 8bit GPIO
Watchdog Timer	Watchdog timeout programmable via software 1 to 255 second -
Power Requirement	24-pin ATX/8-pin ATX 12V
Environment	Operating Non-Operating 0 ~ 60° C -40 ~ 85° C
Physical Characteristics	ATX (12-in x 9.6-in)

Ordering Information

iRMB-1001

LGAI150 Intel® Core™ i7/i5/i3, 4th Gen.CPU supported ATX MB with VGA/DVI-D/iDP, 5 COM, 8 USB & Dual GbE LAN