

IMB-MTL

micro-ATX motherboard supports 14th Gen. Intel® mobile Meteor Lake-H on-board processor, DDR5, 2.5GbE LAN, M.2, USB 3.2, SATA 6Gb/s, HD Audio and RoHS



Features

- » 14th Gen. Intel® mobile Meteor Lake-H on-board processor
- » Support two 262-pin 5600 MHz DDR5 SO-DIMM, system up to 96GB
- » Support dual Intel® 2.5GbE controller
- » Support PCIe Gen5 x8, PCIe Gen4 x4, M.2 M key and M.2 B key expansion

Specifications

Form Factor	
Form Factor	Micro-ATX
System	
CPU	14th Gen. Intel® mobile Meteor Lake-H on-board processor
Memory	Two 262-pin 5600 MHz DDR5 SO-DIMM
Memory Max.	96GB
Cooling method / System Fan	1 x CPU fan connector (1x4 pin) 1 x System fan connector (1x4 pin)
Physical Characteristics	
Dimensions (LxWxH) (mm)	244mm x 244mm
Net Weight	GW: 1200g / NW: 700g
Power	
Power Consumption	TBD
Power Supply	ATX
Environment	
Operating Temperature	-10°C ~ 60°C
Storage Temperature	-30°C ~ 70°C
Humidity	5% ~95%, non-condensing

Ordering Information

IMB-MTL-U7E-R10	Micro-ATX motherboard supports 14th Gen. Intel® Meteor Lake-H 155H on-board processor, DDR5, dual 2.5GbE LAN, M.2, USB 3.2, SATA 6Gb/s, HD Audio and RoHS
IMB-MTL-U7A-R10	micro-ATX motherboard supports 14th Gen. Intel® mobile Meteor Lake-H on-board processor, DDR5, dual 2.5GbE LAN, M.2, USB 3.2, SATA 6Gb/s, HD Audio and RoHS
IMB-MTL-U5E-R10	Micro-ATX motherboard supports 14th Gen. Intel® Meteor Lake-H 125H on-board processor, DDR5, dual 2.5GbE LAN, M.2, USB 3.2, SATA 6Gb/s, HD Audio and RoHS
IMB-MTL-U5A-R10	micro-ATX motherboard supports 14th Gen. Intel® mobile Meteor Lake-H on-board processor, DDR5, dual 2.5GbE LAN, M.2, USB 3.2, SATA 6Gb/s, HD Audio and RoHS

Packing List

1 x IMB-MTL single board computer	1 x I/O Shielding
2 x SATA cable	1 x QIG