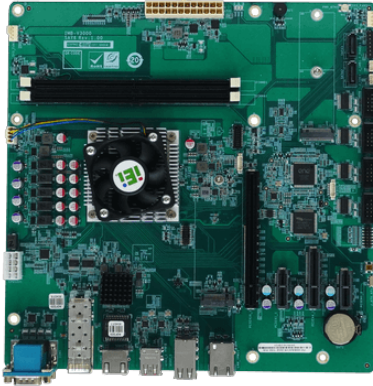


# IMB-V3000

micro-ATX motherboard supports AMD V3000 series processor, DDR5, dual 10GbE LAN, M.2, USB 3.2, SATA 6Gb/s, HD Audio and RoHS



## Features

- » AMD V3000 Series Processors Desktop Processors
- » Support two 288-pin 4800 MHz Dual-Channel DDR5 SDRAM Unbuffered DIMMs supported up to 96GB
- » Support Dual 10GbE Ethernet controller
- » Support PCIe Gen4 x1, PCIe Gen4 x4, PCIe Gen4 x16, M.2 M key and M.2 B key expansion

## Specifications

Form Factor	
Form Factor	Micro-ATX
System	
CPU	AMD V3000 Series Processors
Memory	Two 288-pin 4800 MHz Dual-Channel DDR5 SDRAM Unbuffered DIMMs
Memory Max.	96GB
Cooling method / System Fan	1 x CPU fan connector (1x4 pin) 2 x System fan connector (1x 4 pin)
Physical Characteristics	
Dimensions (LxWxH) (mm)	244mm x 244mm
Net Weight	GW: 1200g / NW: 700g
Storage	
Storage	2 x SATA : 6Gb/s (RAID 0/1 supported)
I/O Interface	
Ethernet	2 x LAN - LAN1: 10GbE SFI (SFP+) LAN2: 10GbE ASE-T (RJ45)
I/O Interface	1 x DIO : 12-bit digital I/O (2x7 pin) 2 x External RS-232/422/485 : RS-485 support AFC 4 x External USB 2.0 : Type-A 2 x External USB 3.2 Gen2x1 : Type-A, 10Gb/s 4 x Internal RS-232 : 2x5 pin, P=2.54
Expansion	2 x M.2(NGFF) - 1 x M.2 M Key (2242/2280, PCIe Gen4 x1) support NVMe 1 x M.2 B Key (2242/2280, PCIe Gen4 x1) support NVMe (IPMI) 2 x PCIe x1 : PCIe Gen4 x1 1 x PCIe x16 : PCIe Gen4 x16 (Slot1) with x8 Signal 1 x PCIe x4 : PCIe Gen4 x4 open-end
Power	
Power Consumption	TBD
Power Supply	ATX/AT power supply Support AT/ATX mode ErP/EuP Compliant

Environment	
Operating Temperature	-10°C ~ 60°C
Storage Temperature	-30°C ~ 70°C
Humidity	5% ~95%, non-condensing

## Ordering Information

IMB-V3000-C48-R10	micro-ATX motherboard supports AMD V3000 series processor, DDR5, dual 10GbE LAN, M.2, USB 3.2, SATA 6Gb/s, HD Audio and RoHS
IMB-V3000-C46-R10	micro-ATX motherboard supports AMD V3000 series processor, DDR5, dual 10GbE LAN, M.2, USB 3.2, SATA 6Gb/s, HD Audio and RoHS
IMB-V3000-C44-R10	micro-ATX motherboard supports AMD V3000 series processor, DDR5, dual 10GbE LAN, M.2, USB 3.2, SATA 6Gb/s, HD Audio and RoHS
IMB-V3000-C18-R10	micro-ATX motherboard supports AMD V3000 series processor, DDR5, dual 10GbE LAN, M.2, USB 3.2, SATA 6Gb/s, HD Audio and RoHS
IMB-V3000-C16-R10	micro-ATX motherboard supports AMD V3000 series processor, DDR5, dual 10GbE LAN, M.2, USB 3.2, SATA 6Gb/s, HD Audio and RoHS
IMB-V3000-C14-R10	micro-ATX motherboard supports AMD V3000 series processor, DDR5, dual 10GbE LAN, M.2, USB 3.2, SATA 6Gb/s, HD Audio and RoHS

## Packing List

1 x IMB-V3000 single board computer	1 x I/O Shielding
2 x SATA cable	1 x QIG