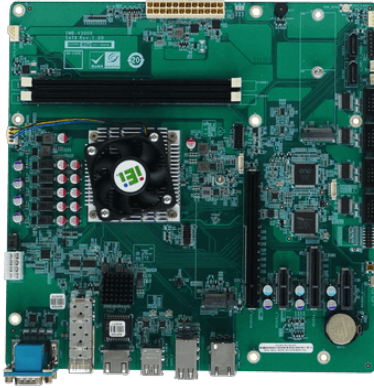


IMB-V3000

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 |