



Features

- AMD EPYC™ Embedded 3000 Series
- 4x DDR4 DIMMs up to 2667MHz; Max.64GB (UDIMM, ECC/non-ECC) or 128GB (RDIMM)
- 2x NIC module slots
- Optional IPMI 2.0 module
- Optional rear expansion PCI-E slot
- 1x M.2 slot

Specifications

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|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU | AMD EPYC™ Embedded 3000 series processor |
| Chipset | N/A |
| Memory | 4x DDR4 DIMMs up to 2667MHz; Max. 64GB UDIMM (ECC or non-ECC) or 128GB RDIMM |
| Display | 1x VGA (via optional IPMI module) |
| Ethernet | On board: 1x Intel® I210-AT GbE controller NIC slots: depend on IBN module SKU |
| Bypass | Via IBN module SKU |
| Expansion | 1x PCI-E x8 1x M.2 slot (M-key with PCIe x4 & SATA signal) |
| IPMI | Optional module, compliant with IPMI 2.0 |
| Storage | 2x 2.5" SATA Drive Bay |
| I/O | Via IDN806: 3x LED(Power/ HDD/ Status) 1x Factory default button(GPIO) 1x Console Port 1x MGMT (share with IPMI NC-SI port) 2x USB2.0 |
| Power Input | ATX type |
| Dimensions | 280x 306mm (11.02" x 12.04") |
| Operating Temperature | 0°C ~ 60°C (32°F ~ 140°F) |
| Storage Temperature | -20°C ~ 80°C (-4°F ~ 176°F) |
| Operating Humidity | 5% ~ 90% |
| Certification | CE/FCC |

Ordering Information

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|-----------|-----------------------------------------------------------------------------------------------------------------------------------|
| MBN806-E8 | Networking Motherboard with AMD EPYC™ Embedded 3201 8C/8T SoC, 4x DDR4 DIMMs, Ethernet via IBN card, Barebone without Cooler/RAM* |
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*Must Order IBN modules

Optional Accessories

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|--------|----------------------------------------------------------------------------------------------------------------------|
| PK1-51 | Console cable, 1.60cm |
| VGA21A | VGA cable, 40cm |
| IDN100 | IPMI 2.0 module with Ibase proprietary DDR4 SO-DIMM golden finger |
| IPN105 | 1x PCI-E x8 slot riser card |
| IDN806 | Daughter Board with 3x LED (Power/ HDD/ Status), 1x factory default button, 1x Console port, 1x MGMT port, 2x USB2.0 |