



Features

- AMD Embedded G-series SoC, up to 1.8GHz
- New Crypto Coprocessor
- 4x PCI-E GbE Ports with status LED indicator
- 1x DDR3L-1600 SO-DIMM; Max. 8GB
- 1x CFast socket (SATA 3.0), 1x Mini PCI-E socket
- Future support for DPDK

Specifications

CPU	AMD Embedded G-series SoC, up to 1.8GHz
Chipset	N/A
Memory	1x DDR3L SO-DIMM up to 1600MHz, Max. 8GB (Non-ECC)
Display	Mini DisplayPort (optional)
Ethernet	4x Intel® I211-AT GbE
Bypass	1 Segment, LAN 3/4
Expansion	1x Mini PCI-E Slot (PCIe signal)
IPMI	N/A
Storage	1x SATA III port 1x CFast
I/O	3x LED (Power / HDD / Status) 1x Factory default button (GPIO) 1x RJ45 console 2x USB 3.0
Power Input	DC 12V
Dimensions	162 mm x 110 mm (6.38" x 4.33")
Operating Temperature	0°C ~ 60°C (32°F~140°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Operating Humidity	10% ~ 90% (non-condensing)
Certification	CE/FCC

Ordering Information

MBN500-4C	Networking motherboard with AMD GX-412TC, 1x DDR3L SO-DIMM, 4x GbE Ports, Barebone without Cooler/RAM
MBN500-4CG	Networking motherboard with AMD GX-412HC, 1x DDR3L SO-DIMM, 4x GbE Ports, Barebone without Cooler/RAM
USB2-7	Dual port USB 2.0 cable, 300mm
PK1-51	Console cable, 160cm