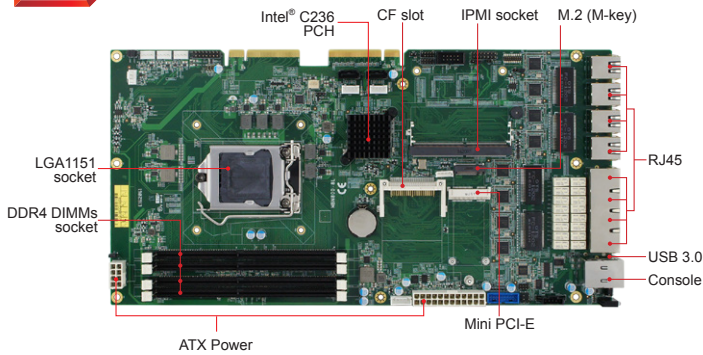


# MBN800-8L/6L

## Networking Motherboard

6th Generation Intel® Xeon® / Core™ i7/i5/i3 Networking Motherboard with Intel® C236 or H110 PCH

**NEW**



### Features

- 6th Generation Intel® Xeon® / Core™ i7/i5/i3 processors
- 4x DDR4 DIMMs; Max. 64 GB (ECC / non-ECC)
- 8x or 6x PCI-E GbE ports; 2 Advanced LAN Bypass pairs
- Optional IPMI 2.0 module
- 1x CF slot, 1x Mini PCI-E slot

### System

CPU	MBN800-8L: 6th Generation Intel® Xeon® / Core™ i7/i5/i3 processors LGA1151 MBN800-6L: 6th Generation Intel® Core™ i7/i5/i3 processors LGA1151
Chipset	MBN800-8L: Intel® C236 PCH MBN800-6L: Intel® H110 PCH
Memory	MBN800-8L: 4x DDR4 DIMMs Max. 64GB, up to 2133MHz ECC or non-ECC MBN800-6L: 2x DDR4 DIMMs Max. 32GB, up to 2133MHz non-ECC
Ethernet	MBN800-8L: 8x Intel® I210-AT GbE MBN800-6L: 6x Intel® I211-AT GbE
Bypass	2x segment, LAN 1/2 & 3/4
Expansion	MBN800-8L: 2x PCI-E x8 GF, 1x M.2 slot (M-key) & 1x Mini PCI-E slot (PCIe, USB & SATA signal) MBN800-6L: 1x PCI-E x8 GF (GF2)
IPMI	Optional module, compliant with IPMI 2.0 (MBN800-8L only)
Storage	2x SATA III ports 1x CF slot
Display	1x VGA via pin-header
I/O	3x LED (Power / HDD / Status) 1x factory default button (GPIO) 1x RJ45 console 2x USB 3.0
Power Input	ATX type
Dimensions	183 mm x 350 mm (7.20" x 13.78")
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

MBN800-8L	6th Generation Intel® Xeon® / Core™ i7/i5/i3 Networking Motherboard with Intel® C236 PCH 8x GbE RJ45 ports
MBN800-6L	6th Generation Intel® Core™ i7/i5/i3 Networking Motherboard with Intel® H110 PCH 6x GbE RJ45 ports

### Optional Accessories

PK1-51	Console cable, 160cm
VGA21A	VGA cable, 40cm
IDN100	IPMI 2.0 module, IBASE proprietary DDR4 SO-DIMM golden finger
IPN101	Riser card for MBN800-8L GF1, IBN series cards
IPN102	Riser card for MBN800-8L/6L GF2, 1x PCI-E x8 expansion slot
IPN103	Riser card for MBN800-8L GF1 & GF2, 2x PCI-E x8 expansion slot