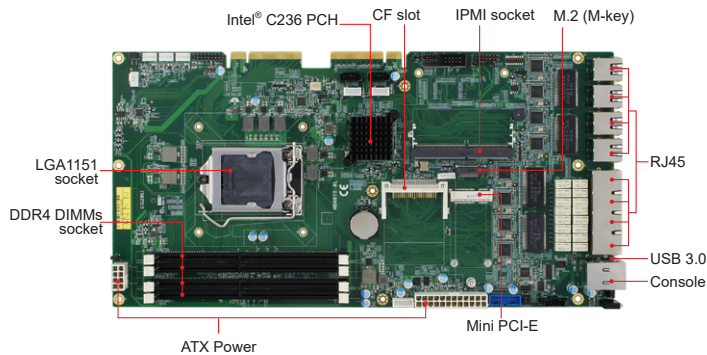


# MBN800-8L/6L

## Networking Motherboard

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



## Features

- 6th Gen 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

## Specifications

|                       |  |
|-----------------------|--|
| CPU                   | MBN800-8L:<br>LGA1151 socket for 6th Gen Intel® Xeon® / Core™ i7/i5/i3 processors<br>MBN800-6L:<br>LGA1151 socket for 6th Gen Intel® Core™ i7/i5/i3 processors |
| Chipset               | MBN800-8L: Intel® C236 PCH<br>MBN800-6L: Intel® H110 PCH   |
| Memory                | MBN800-8L: 4x DDR4 DIMMs up to 2133MHz, Max. 64GB UDIMM (ECC or non-ECC)   |
| Display               | 1x VGA via pin-header  |
| Ethernet              | MBN800-8L: 8x Intel® I210-AT GbE<br>MBN800-6L: 6x Intel® I211-AT GbE   |
| Bypass                | 2x segment, LAN 1/2 & 3/4  |
| Expansion             | MBN800-8L:<br>2x PCI-E x8 GF, 1x M.2 slot (M-key with PCIe x4 & SATA signal) & 1x Mini PCI-E slot (PCIe, USB & SATA signal)<br>MBN800-6L: 1x PCI-E x8 GF (GF2) |
| IPMI                  | Optional module, compliant with IPMI 2.0 (MBN800-8L only)  |
| Storage               | 2x SATA III ports<br>1x CF slot  |
| I/O                   | 3x LED (Power / HDD / Status)<br>1x Factory default button (GPIO)<br>1x RJ45 console<br>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 | Networking motherboard with 6th Gen Intel® Xeon® / Core™ i7/i5/i3 Processor socket, C236 PCH, 4x DDR4 DIMMs, 8x GbE Ports, Barebone without CPU/Cooler/RAM |
| MBN800-6L | Networking Motherboard with 6th Gen Intel® Core™ i7/i5/i3, 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 |