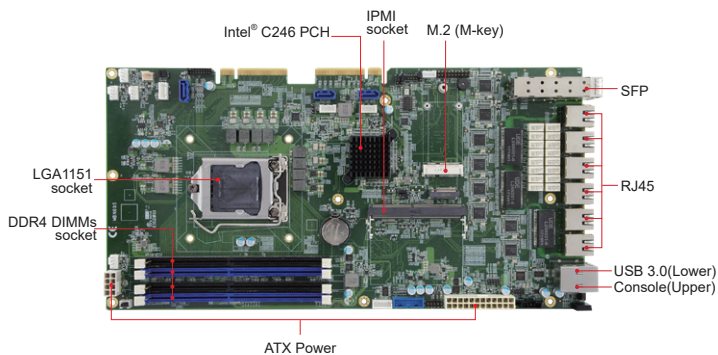


MBN805

Networking Motherboard

8th Gen Intel® Xeon® / Core™ i7/i5/i3 Processor Networking
Motherboard with Intel C246 or H310 PCH



Features

- 8th Gen Intel® Xeon® / Core™ i7/i5/i3, up to 6 core processors with C246 or H310 PCH
- 6x RJ45 GbE + 2x SFP GbE on board
- 4x or 2x DDR4 DIMMs; Max. 64GB (ECC/non-ECC)
- Optional IPMI 2.0 module (for MBN805C only)
- Optional NIC slot (for MBN805C only)
- 1x Mini PCI-E slot, 1x M.2 slot

Specifications

CPU	MBN805C: Intel® Xeon® / Core™ i7/i5/i3 CPUs, LGA1151 MBN805H: Intel® Core™ i7/i5/i3 CPUs, LGA1151
Chipset	MBN805C: Intel® C246 PCH MBN805H: Intel® H310 PCH
Memory	FWA8708-C: 4x DDR4 DIMMs up to 2666MHz, Max. 64GB UDIMM (ECC or non-ECC) FWA8708-H: 2x DDR4 DIMMs up to 2666MHz, Max. 32GB UDIMM (Non-ECC)
Display	1x VGA via pin-header
Ethernet	MBN805C: 6x Intel® I210-AT GbE RJ45+ 2x Intel® I210-IS GbE SFP MBN805H: 6x Intel® I211AT GbE RJ45
Bypass	2x segment, LAN 3/4 & 5/6
Expansion	MBN805C: 2x PCI-E x8 GF, 1x M.2 slot (M-Key with PCIe x4 & SATA signal) & 1x Mini PCI-E slot (PCIe & SATA signal) MBN805H: 1x PCI-E x8 GF2, 1x Mini PCI-E slot (PCIe & SATA signal)
IPMI	Optional module, compliant with IPMI 2.0 (for MBN805C only)
Storage	3x SATA III ports
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

MBN805C	Networking motherboard with Intel® Xeon® / Core™ i7/i5/i3 Processor socket, C246 PCH, 4x DDR4 DIMMs, 8x GbE Ports, Barebone without CPU/Cooler/RAM
MBN805H	Networking motherboard with Intel® Core™ i7/i5/i3 Processor socket, H310 PCH, 2x DDR4 DIMMs, 6x GbE Ports, Barebone without CPU/Cooler/RAM

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 MBN805C GF1, IBN series cards
IPN102	Riser card for MBN805C/H GF2, 1x PCI-E x8 slot
IPN103	Riser card for MBN805C GF1 & GF2, 2x PCI-E x8 expansion slot