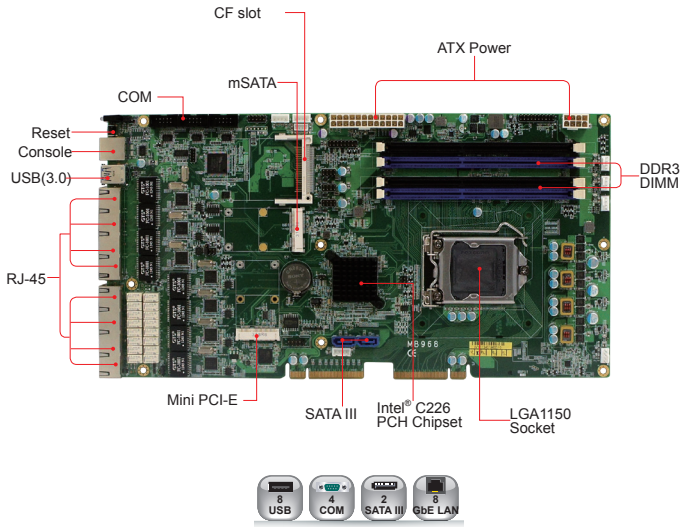


# MB968

## Networking Motherboard

4th Generation Intel® Core™ i7/i5/i3/ Xeon®  
Networking Motherboard with Intel® C226 PCH



### Features

- 4th Generation Intel® Core™ i7/i5/i3 / Xeon® processors, up to 3.4GHz
- Advanced LAN Bypass
- 8x PCI-E GbE ports with status LED indicator
- 4x DDR3 DIMM; Max. 32GB
- 1x CF slot, 1x Mini PCI-E, 1x mSATA socket (mSATA compatible) socket
- iAMT 9.0 support

### System

CPU	LGA1150 for 4th Generation Intel® Core™ i7/i5/i3/ Xeon® processors, up to 3.4GHz
System Memory	4x DDR3 DIMM Max. 32GB, up to 1600MHz ECC or non-ECC
System Chipset	Intel® C226 PCH
BIOS	AMI
Watchdog Timer	256 levels
SSD	1x CF slot, 2x mSATA
H/W Monitor	Yes
Expansion Slots	1x Mini PCI-E (mSATA compatible) socket

### Mechanical and Environmental

Dimensions	355 mm x 185 mm (13.98" x 7.28")
Max. Power Requirement	Intel® Xeon™ E3-1268LV3 w/ DDR3-1333 16GB +3.3V: 2.44A +5V: 3.62A +12V: 4.48A
Operating Temperature	0°C ~ 60°C (32°F~140°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	10% ~ 90% (non-condensing)

### Graphics

VGA Controller	4th Generation Intel® Core™ i7/i5/i3 processors integrated
VGA Memory	Max. shared memory - 224MB
Display Interface	Supports VGA via pin header

### LAN

Controller	1x Intel® I217LM GbE PHY w/ iAMT 9.0 support 7x Intel® I210-AT GbE
Bypass	LAN 5/6 & 7/8
Connector	8x RJ-45 on board

### Multi I/O

I/O Chipset	C226, Fintek F81866AD-F 4x RS-232, 2x SATA
USB	2 ports on board (USB 3.0) Pin header for 6 ports (USB 2.0)
Others	4-in/ 4-out Digital I/O

### Ordering Information

MB968	LGA1150 for 4th Generation Intel® Core™ i7/i5/i3 / Xeon®, C226 PCH, 1x Intel® GbE I217LM + 7x Intel® GbE I210-AT, LAN 5/6 & 7/8 Bypass, SATA connector, Mini PCI-E, CF & PCI-E expansion
VGA4	VGA cable
USB2-7	Dual port USB 2.0 cable, 300mm
IP331	1-to-1 PCI-E 8x riser card
IP332	PCI-E 8x adaptor card
IP333	2-to-2 PCI-E 8x riser card