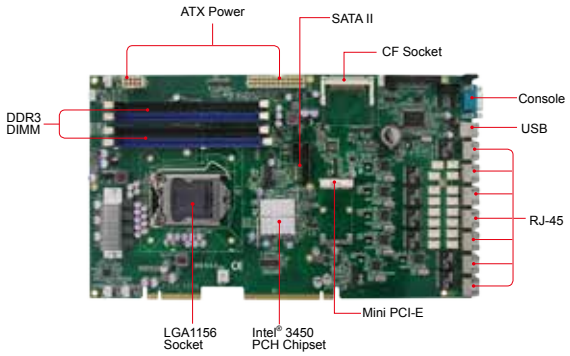
MB966

Intel® Core™ i7/i5/i3 / Xeon® / Pentium® Networking Motherboard w/ Intel® 3450 PCH





Features

- Supports Intel® Xeon® / Core™ i7/i5/i3 / Pentium® processors, up to 3.06 GHz
- 4x DDR3 DIMM, Max. 16GB
- 6x Intel® Gigabit LAN, LAN 1/2 & 3/4 Bypass
- Watchdog timer
- 2x USB 2.0, 1x COM, 3x SATA II
- 1x CF socket
- 1x Mini PCI-E slot (mSATA compatible)

System

CPU	Intel® Xeon® / Core™ i7/i5/i3 / Pentium® G6950 processor, up to 3.06 GHz
System Memory	4x DDR3 DIMM, Max. 16GB (supports ECC Xeon® 3400 only)
System Chipset	Intel® 3450 PCH
BIOS	AMI
Watchdog Timer	256 levels
SSD	CF socket
H/W Monitor	Yes
Expansion Slots	1x Mini PCI-E (mSATA compatible)

Graphics

VGA Controller	Intel® Core™ i5 / Pentium® integrated
VGA Memory	Shared memory up to 224MB
Display Interface	Via pin header

LAN

Controller	1x Intel® 82578DM GbE PHY w/iAMT 6.0 support 6x Intel® 82574L GbE
Bypass	LAN 1/2 & 3/4 bypass
Connector	7x RJ-45 on board

Multi I/O

I/O Chipset	3450 PCH, W83627DHG COM1 by pin header KB/Mouse by pin header Hardware monitor (3 thermal inputs, 4 voltage monitor inputs & 4 fan headers)
USB	2 ports on board (USB 2.0) / pin header 2 ports

Mechanical and Environmental

Dimensions	355.6mm x 206mm (14" X 8.11")
Max. Power Requirement	Intel® Core™ i5-660 @3.33GHz w/ DDR3-1333 2GB +3.3V: 2.1A +5V: 2.48A +12V: 1.8A
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)

Ordering Information

MB966	LGA1156 3450 Networking Motherboard w/ 6 GbE LAN, LAN 1/2 & 3/4 Bypass, 3x SATA II
IP327	Riser card for MB966 w/ 1x PCI-E(x8) slots
IP328	PCI-E adapter card for MB966
IP329	2-to-2 PCI-e expansion, MB966
VGA4	VGA cable
PS2G	PS/2 keyboard and mouse cable
USB2-7	Dual port USB2.0 cable, 300mm

Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.