



### 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<br>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<br>COM1 by pin header<br>KB/Mouse by pin header<br>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<br>+3.3V: 2.1A<br>+5V: 2.48A<br>+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  |

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