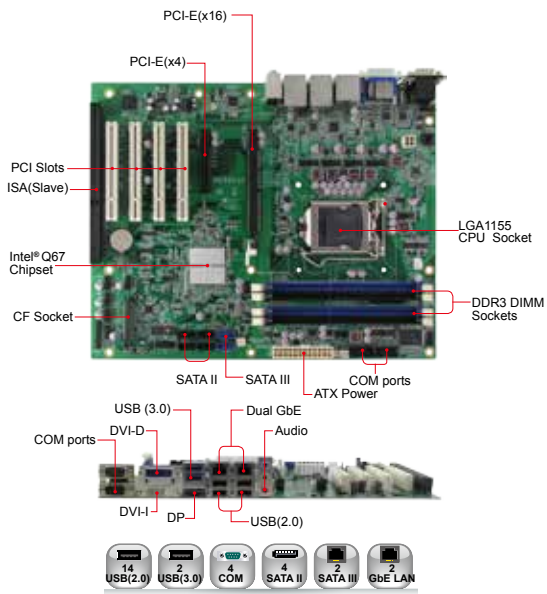


MB960

LGA1155 2nd/3rd Generation Intel® Core™ i7/i5/i3/ Pentium® / Celeron® ATX Motherboard w/ Intel® Q67 PCH



Features

- Supports 2nd/ 3rd Generation Intel® Core™ i7/i5/i3 / Pentium® / Celeron® processors, up to 3.4GHz
- 4x DDR3 DIMM, Max. 32GB
- Integrated VGA, supports DVI-I / DVI-D / HDMI
- Dual Gigabit LAN
- 14x USB 2.0, 2x USB 3.0, 4x COM, 4x SATA II, 2x SATA III
- 4x PCI, 1x PCI-E(x16), 1x PCI-E(x4), 1x ISA (Slave)
- Watchdog timer, Digital I/O

System

| | |
|-----------------|--|
| CPU | LGA1155 for 2nd/ 3rd Generation Intel® Core™ i7/ i5/i3/ Pentium® / Celeron® processors, up to 3.4GHz |
| System Memory | 4x DDR3 DIMM, Max. 32GB (Non-ECC) |
| System Chipset | Intel® Q67 PCH |
| BIOS | AMI |
| Watchdog Timer | 256 levels |
| SSD | Type II CF Socket |
| H/W Monitor | Yes |
| Expansion Slots | 4x PCI, 1x PCI-E(x16), 1x PCI-E(x8) [(x4) Link], ISA (Slave) |

Graphics

| | |
|-------------------|---|
| VGA Controller | 2nd Generation Intel® Core™ i7/i5 /i3 / Pentium® QC/DC integrated graphic Gen 5.7 |
| VGA Memory | Max. Shared Memory - 1024 MB |
| Display Interface | Supports DVI-I, DVI-D, HDMI |

LAN

| | |
|------------|---|
| Controller | Intel® 82579LM(MB960AF) /82579V(MB960F) Gigabit LAN PHY Intel® 82583V PCI-E Gigabit LAN |
| Connector | 2x RJ-45 on board |

Multi I/O

| | |
|-------------|--|
| I/O Chipset | Fintek F81865-I 3x RS232, 1x RS-232/422/485, 4x SATA II, 2x SATA III |
| USB | 4 ports on board, 10 ports via pin header (USB2.0) 2 ports on board (USB 3.0) |
| Audio | Intel® Q67 built-in HD audio w/ Realtek ALC892 for 7.1CH |
| Others | Digital I/O (4-in/4-out), ATX power connector, EuP/ErP compliant |

Mechanical and Environmental

| | |
|------------------------|--|
| Dimensions | 305mm x 244mm (12" x 9.6") |
| Max. Power Requirement | Intel® Core™ i7-2600 3.4GHz w/ 2x2GB DDR3-1333 +12V:7.33A +5V:3.15A +3.3V:1.67A +5VSB:0.51A |
| Operating Temperature | 0°C~60°C (32°F~140°F) |
| Storage Temperature | -20°C~80°C (-4°F~176°F) |
| Relative Humidity | 90% (non-condensing @60°C) |

Ordering Information

| | |
|---------|---|
| MB960F | LGA1155 Q67 ATX motherboard w/ DVI-I, DVI-D, HDMI, dual Gigabit LAN, RAID, EuP/ErP compliant |
| MB960AF | LGA1155 Q67 ATX motherboard w/ DVI-I, DVI-D, HDMI, dual Gigabit LAN, RAID, iAMT(7.0), TPM 1.2 |

Dimensions and Drawing

