



Features

- Supports 2nd/3rd Generation Intel® Core™ i7/i5/i3 / Celeron® QC/DC processors, up to 2.7GHz
- 2x DDR3 SO-DIMM, Max. 16GB
- Integrated VGA, supports DVI-I/DVI-D/LVDS/HDMI
- Dual Gigabit LAN
- 8x USB 2.0, 2x USB 3.0, 4x COM, 4x SATA II, 2x SATA III
- 1x PCI-E(x16), 1x Mini PCI-E(x1)
- Watchdog timer, Digital I/O

System

CPU	rPGA988B for 2nd/3rd Generation Intel® Core™ i7/i5/i3/ Celeron® QC/ DC processors, up to 2.7GHz
System Memory	2x DDR3 SO-DIMM, Max. 16GB (Non-ECC)
System Chipset	Intel® QM67 PCH
BIOS	AMI
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slots	1x PCI-E(x16), 1x Mini PCI-E(x1)

Graphics

VGA Controller	Intel® Core™ i7/i5/i3/ Celeron® processors integrated graphics Gen 5.75
VGA Memory	Max. shared memory - 1024 MB
Display Interface	Supports 24-bit dual channel LVDS, DVI-I, DVI-D, HDMI (supports HDCP)

LAN

Controller	MI956AF: Intel® 82579LM MI956F: Intel® 82579VGigabit LAN PHY Intel® 82583V PCI-E Gigabit LAN
Connector	2x RJ-45 on board

Multi I/O

I/O Chipset	Fintek F81865-l 3x RS232, 1x RS232/422/485, 4x SATA II, 2x SATA III
USB	4 ports on board, 4 ports via pin-header (USB 2.0) 2 ports on board (USB 3.0)
Audio	Intel® QM67 built-in HD audio w/ Realtek ALC892 for 7.1 channel
Others	Digital I/O (4-in/4-out), ATX power connector, EuP/ErP compliance

Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	Intel® Core™ i5-2510E 2.5GHz w/ 2x 2GB DDR3-1333 +12V: 2.18A; +5V: 0.97A; +3.3V: 1.33A
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

MI956F	rPGA988B QM67 Mini-ITX motherboard w/ DVI-I, DVI-D, HDMI, dual Gigabit LAN, EuP/ErP compliant
MI956AF	rPGA988B QM67 Mini-ITX motherboard w/ DVI-I, DVI-D, HDMI, dual Gigabit LAN, iAMT (7.0), RAID

Dimensions and Drawing

