



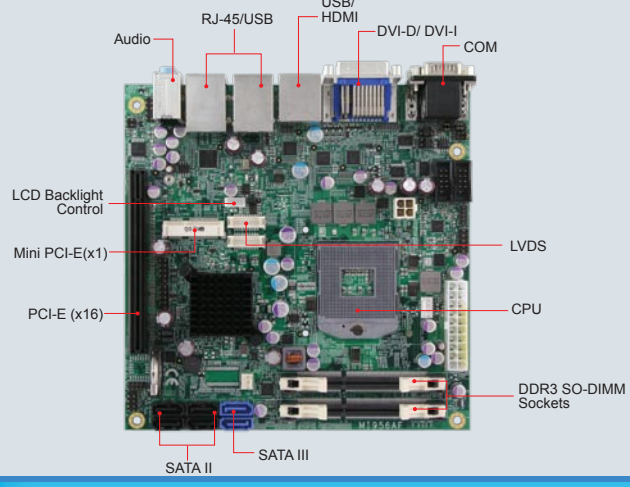
Motherboards

2nd Generation Intel® Core™ i7 / i5 / i3-Based

rPGA988B 2nd Generation Intel® Core™ i7 / i5 / i3 / Celeron® Mini-ITX Motherboard w/ Intel® QM67 Chipset

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MI956 NEW



Features

- Supports 2nd Generation Intel® Core™ i7 / i5 / i3 / Celeron® QC / DC processors, up to 2.7GHz
- 2x DDR3 SO-DIMM, Max. 8GB
- Integrated VGA, Supports CRT/ DVI / 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 Generation Intel® Core™ i7 / i5 / i3 / Celeron® QC/ DC processors, up to 2.7GHz
System Memory	2x DDR3 SO-DIMM, Max. 8GB (Non-ECC)
System Chipset	Intel® QM67 PCH
BIOS	AMI BIOS
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slots	1x PCI-E(x16), 1x Mini PCI-E(x1)

Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	2nd Generation Intel® Core™ i5-2510E 2.5GHz w/ 2x 2GB DDR3-1333 +3.3V: 1.33A +5V: 0.97A +12V: 2.18A
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	2nd Generation Intel® Core™ i7 / i5 / i3 / Celeron® processors integrated Gfx Gen 5.75
VGA Memory	Max. Shared Memory - 1024 MB
Display Interface	Supports CRT, and 24-bit dual channel LVDS, DVI-I, DVI-D, HDMI (supports HDCP)

Ethernet

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

Multi I/O

Chipset	Fintek F81865-I 3x RS232, 1x RS-232/422/485, 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 CH
Others	Digital I/O (4-in/4-out), ATX power connector, EuP/ErP compliant

Ordering Information

MI956F	rPGA988B QM67 Mini-ITX motherboard w/ DVI-I, DVI-D, HDMI, dual Gigabit LAN
MI956AF	rPGA988B QM67 Mini-ITX motherboard w/ DVI-I, DVI-D, HDMI, dual Gigabit LAN, iAMT 7.0



Remarks:
1. For optional daughter boards and riser cards, please refer to page 19-20.
2. Specifications are subject to change without prior notice.