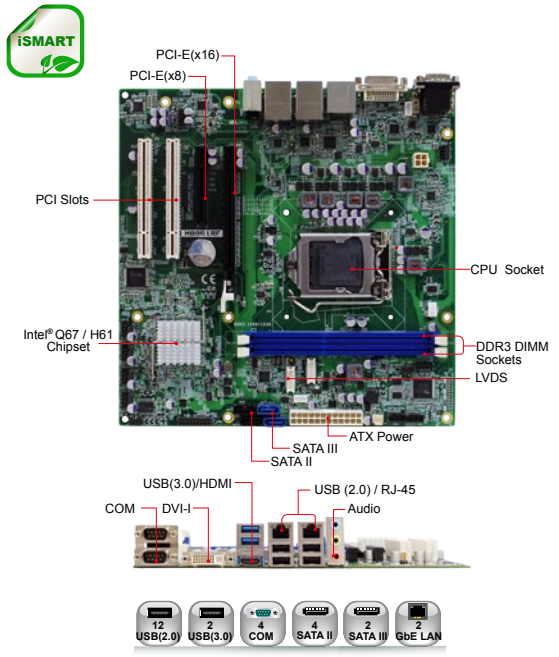
MB961

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



Features

- Support 3rd Generation Intel® Core® i7/i5/i3/Pentium®/ Celeron® processors, up to 3.4GHz
- 2x DDR3 DIMM, Max. 16GB
- Intel® Processor integrated graphics device, supports HDMI™, DVI-I and LVDS
- Intel® 82579V Gigabit LAN
- Realtek RTL8111E Gigabit LAN
- 12x USB 2.0, 2 x USB 3.0, 4 x COM, 2x SATA II, 2x SATA II
- 1xPCI-E(x16), 1xPCI-E(x8) [PCI-E(4x) Link], 2x PCI
- Watchdog timer, Digital I/O, iSMART

System

CPU	LGA1155 for 3rd Generation Intel® Core™ i7/i5/i3 / Pentium® / Celeron® processors, up to 3.4GHz
System Memory	2x DDR3 DIMM Max. 16GB (Non-ECC)
System Chipset	Intel® Q67 PCH (MB961RF) / H61 PCH (MB961F)
BIOS	AMI
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slot	1x PCI-E(x16), 1xPCI-E(x8) [PCI-E(4x) Link], 2x PCI

Graphics

VGA Controller	Intel® 3rd Gen. Core™ i7 / i5 / i3 / Pentium® / Celeron® Processor Integrated
VGA Memory	Max. Shared Memory - 1024 MB
Display Interface	Supports DVI-I, HDMI™, 24 bit dual channel LVDS

LAN

Controller	1x Intel® 82579V Gigabit LAN 1x Realtek RTL8111E Gigabit LAN
Connector	RJ-45 on board

Multi I/O

I/O Chipset	Fintek F81866AD-I 3x RS232, 1x RS232/422/48 (jumperless selection) 2x SATA II + 2x SATA III (MB961RF) or 4x SATA II (MB961F)
USB	2 ports on board (USB 3.0) MB961F: 4 ports on board + 6 ports via pin header (USB 2.0) MB961RF: 4 ports on board + 8 ports via pin header (USB 2.0)
Audio	Intel® H61/Q67 PCH built-in HD audio + Realtek ALC892 codec
Others	Digital I/O(4-in/4-out), iSMART, RAID (MB961RF only)

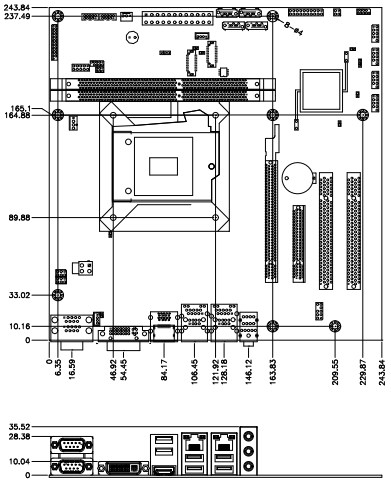
Mechanical and Environmental

Dimensions	244mm x 244mm (9.6" x 9.6")
Max. Power Requirement	Intel® Core™ i7-3770 3.4GHz w/ 2x 4GB DDR3-1333 +12V: 0.25A +5V: 2.21A +3.3V: 1.46A +5VSB: 0.12A
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

MB961RF	LGA1155 Q67 Micro ATX motherboard with HDMI, DVI-I and LVDS, Dual Gigabit LAN, 2x SATA III, 2x SATA II, 1x PCI-E(16x), 1x PCI-E(4x), 2x PCI, RAID, iSMART
MB961F	LGA1155 H61 Micro ATX motherboard with HDMI, DVI-I and LVDS, Dual Gigabit LAN, 4x SATA II,1x PCI-E(16x), 1x PCI-E(4x), 2x PCI, iSMART

Dimensions Drawing



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.
3. For user's manual & datasheet download, visit www.ibase.com.tw.