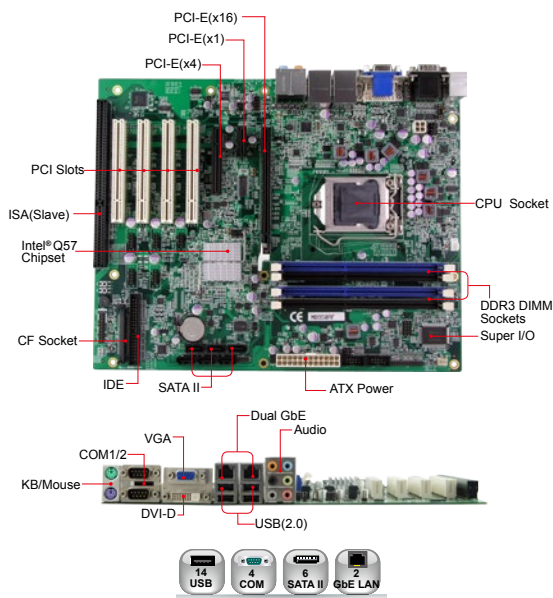


# MB950

LGA1156 Intel® Core™ i7/i5/i3 ATX Motherboard  
w/ Intel® Q57 PCH



## Features

- Supports Intel® Core™ i7/i5/i3 and Intel® Pentium® QC/DC, 2.8GHz ~ 3.46GHz
- 4x DDR3 DIMM, Max. 32GB
- 1x Gigabit MAC + PHY and 1x PCI-E Gigabit LAN
- Supports dual independent display; DVI-D/ VGA
- 6x SATA II, 14x USB 2.0, 4x COM
- 1x PCI-E(x16), 1x PCI-E(x4), 1x PCI-E(x1), 4x PCI, 1x ISA

## System

CPU Socket	LGA1156 for Intel® Core™ i7/i5/i3 and Intel® Pentium® QC/DC processors, 2.8GHz ~ 3.46GHz
System Memory	4x DDR3 DIMM, Max. 32GB
System Chipset	Intel® Q57 PCH
BIOS	AMI
Watchdog Timer	256 levels
SSD	Type II CF socket
H/W Monitor	Yes
Expansion Slots	1x PCI-E(x16), 1x PCI-E(x4), 1x PCI-E(x1), 4x PCI, 1x ISA

## Graphics

VGA Controller	Intel® Core™ i5/i3/Pentium® QC/DC integrated (not in Intel® Core™ i7)
VGA Memory	Max. shared memory - 224 MB
Display Interface	Supports CRT and DVI-D

## LAN

Controller	Intel® 82578DM Gigabit MAC + PHY and Intel® 82583V PCI-E Gigabit LAN
Connector	RJ-45 on board

## Multi I/O

I/O Chipset	Winbond W83627UHG 1x KB, 1x mouse, 3x RS232, 1x RS-232/422/485, 6x SATA II
USB	4 ports on board Pin header for 10 ports (USB 2.0)
Audio	Intel® built-in HD audio w/ Realtek ALC892 codec for 7.1CH
Others	Digital I/O (4-in/4-out)

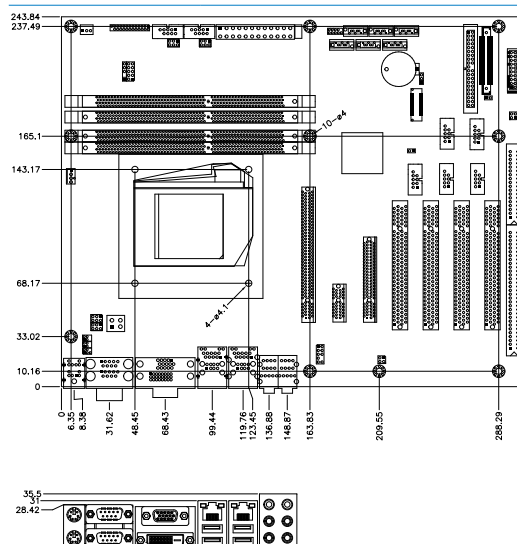
## Mechanical and Environmental

Dimensions	305mm x 244mm (12" x 9.6")
Max. Power Requirement	Intel® Core™ i5-660 3.33GHz w/ 4x 2GB DDR3-1333 +3.3V: 1.17A +5V: 2.25A +12V: 3.33A
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

MB950EF	LGA1156 Q57 ATX Motherboard w/ VGA, 2x PCI-E Gigabit LAN, RAID, EuP/ErP compliant
MB950AF	LGA1156 Q57 ATX Motherboard w/ VGA, 2x PCI-E Gigabit LAN, RAID, AMT6.0

## 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](http://www.ibase.com.tw).