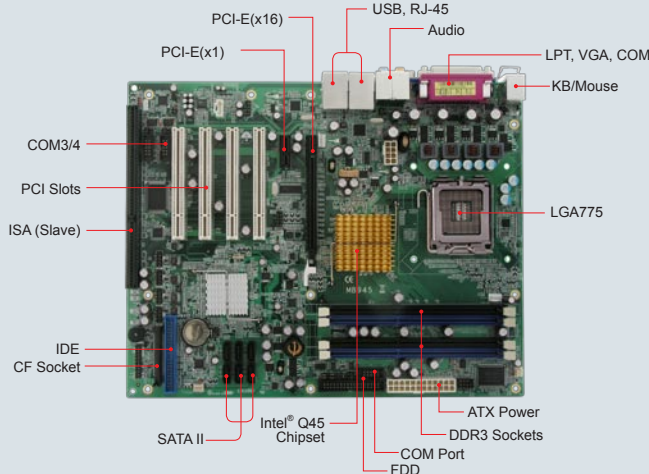


MB945



Features

- Supports Intel® Core™2 Quad / Core™2 Duo processors, 800/1066/1333MHz
- 4x DDR3 DIMM, Max. 8GB
- Integrated Gigabit LAN, optional PCI-E Gigabit LAN
- Integrated VGA, supports CRT and optional DVI
- 6x SATA II, 1x IDE, 12x USB 2.0, 4x COM
- 1x PCI-E(x16), 1x PCI-E(x1), 4x PCI, 1x ISA

System

CPU Socket	LGA775 for Intel® Core™2 Quad / Core™2 Duo processors
System Memory	4x DDR3 DIMM, 800/1066MHz, Max. 8GB
System Chipset	Intel® Q45 + ICH10DO, 800/1066MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	Type II CF Socket
H/W Monitor	Yes
Expansion Slots	1x PCI-E(x16), 1x PCI-E(x1), 4x PCI, 1x ISA (slave)

Graphics

VGA Controller	Intel® Q45 integrated GMA4500
VGA Memory	Supports DVMT 5.0; Max. shared memory - 256MB
Display Interface	Supports CRT and optional DVI

Ethernet

Controller	Intel® ICH10DO integrated Gigabit LAN, optional Intel®82574L PCI-E Gigabit LAN
Connector	RJ-45 on board

Multi I/O

Chipset	Winbond W83627DHG + Fintek F81216 1x IDE, 1x FDD, 1x KB, 1x mouse, 3x RS232, 1x RS-232/422/485, 6x SATA II
USB	4 ports on board Pin header for 8 ports (USB 2.0)
Audio	Intel® ICH10DO built-in audio w/ ALC888 codec for 7.1CH
Others	IrDA, Digital I/O (4-in/4-out)

Mechanical and Environmental

Dimensions	305mm x 244mm (12" x 9.6")
Max. Power Requirement	Intel® Core™2 Quad Q9550 2.83GHz w/ 4x DDR3 2GB/1333MHz +3.3V: 4.91A +5V: 5.12A +12V: 1.09A
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

MB945	LGA775 Q45 ATX Motherboard w/ VGA and Gigabit LAN
MB945F	LGA775 Q45 ATX Motherboard w/ VGA and dual Gigabit LAN

Remarks:

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

