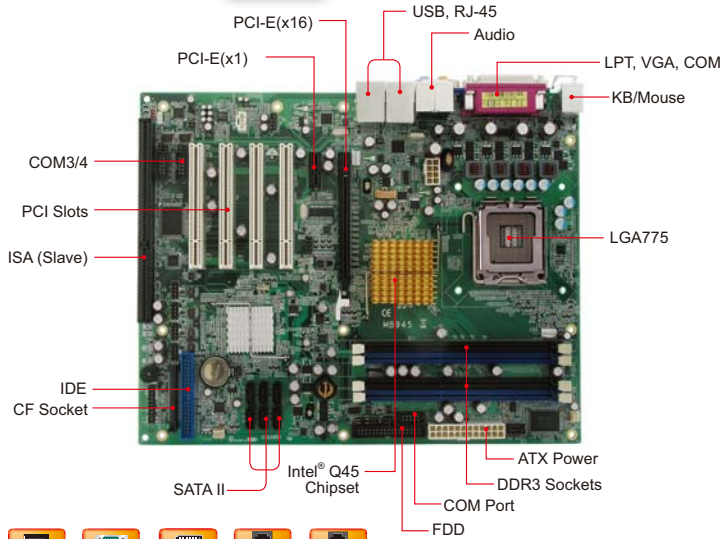




## MB945 **NEW**



### System

CPU Socket	LGA775 for Intel® Core™2 Quad / Core™2 Duo processors
System Memory	4x DDR3 DIMM, 800/1066MHz, Max. 16GB
System Chipset	Intel® Q45 + ICH10DO, 800/1066MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slot	1x PCI-E(x16), 1x PCI-E(x1), 4x PCI, 1x ISA (slave)

### Graphics

VGA Controller	Intel® Q45 integrated GMA4500
VGA Memory	Supports DVM T 5.0; Max. shared memory - 1GB
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	ICH10DO, Winbond W83627DHG + Fintek F81216 1x IDE (PCI-E to PATA), 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)

### Features

- Supports Intel® Core™2 Quad / Core™2 Duo processors, 800/1066/1333MHz
- 4x DDR3 DIMM, Max. 16GB
- 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

### Mechanical and Environmental

Dimensions	305mm x 244mm (12" x 9.6")
Max. Power Requirement	TBC
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, RAID
MB945F	LGA775 Q45 ATX Motherboard w/ VGA and dual Gigabit LAN, RAID

Remarks:

\* Specifications are subject to change without prior notice.

Motherboards 1

Disk-Size SBCs 2

CPU Modules 3

PC/104 Plus 4

CPU Cards 5

AGP &amp; MicroAGP 6

Embedded Systems 7

Network Security Appliance 8