

# MB898

Core™2 Duo-Based

LGA775 Intel® Core™2 Duo ATX Motherboard w/ Intel® Q965 Express Chipset

IPC Motherboards

## Features

Supports Intel® Core™2 Duo / Pentium® D / Intel® Pentium® 4 HT / Celeron® D processors  
Up to 2.6GHz, 533MHz/800MHz/1066MHz FSB

DDR2 DIMM x 4, Max. 8GB

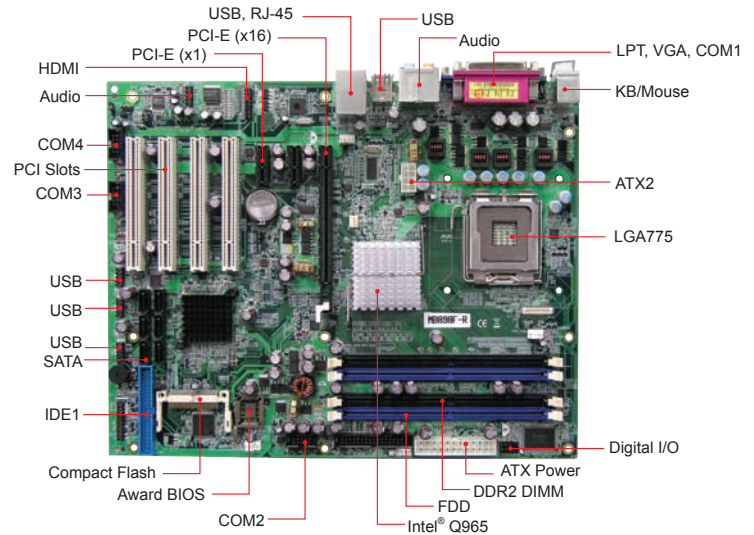
10/100 or Gigabit Ethernet on board

Integrated Intel® Q965 Express VGA

4 x SATA II, 10 x USB 2.0, 4 x COM

Digital I/O, Watchdog timer

4 x PCI, 2 x PCI-E (x1), 1 PCI-E (x16)



## System

CPU :	Socket LGA775 for Intel® Core™2 Duo / Pentium® D / Intel® Pentium® 4 HT / Celeron® D, up to 2.6GHz
System Memory :	DDR2 DIMM x 4, Max. 8GB (DDR2 533/667/800)
System Chipset :	Intel® Q965 Express, 533MHz/800MHz/1066MHz FSB
BIOS :	Award
Watchdog Timer :	256 levels
SSD :	CF Socket, Type II
H/W Monitor :	Yes
Expansion Slot :	4 PCI, 2 PCI-E (x1), 1 PCI-E (x16)

## Graphics

VGA Controller :	Intel® Q965 Express integrated for CRT
VGA Memory :	Supports Intel® Dynamic Video Memory Technology (DVMT); Max. shared memory: 384MB
LCD Interface :	N/A

## Ethernet

Controller :	Intel® 82562V10/100 LAN, optional Intel® 82556DC PCI Express Gigabit LAN
Connector :	RJ-45 on board

## Multi I/O

Chipset :	ICH8, Winbond 83627EHG + Fintek F81216 1x IDE (UDMA33/66/100), 1x FDD, 1x KB, 1x Mouse, 4x RS-232, 4x SATA II
USB :	4 ports on board; Pin header for 6 ports (USB 2.0)
Audio :	Intel® High Definition Audio + AC97 codec, with 7.1 channels
Others :	IrDA, Digital I/O (4-in/4-out)

## Mechanical & Environmental

Dimensions :	305mm x 244mm (12" x 9.6")
Max. Power Requirement :	Intel® Core™2 Duo (E6400) 2.13GHz w/ 2GB DDR2 memory +3.3V: 6.58A    +5V: 3.12A +5VSB: 0.43A    +12V: 1.15A CPU Input +12V: 3.37A
Operating Temperature :	0°C~60°C (32°F~140°F)
Storage Temperature :	-20°C~80°C (-68°F~176°F)
Relative Humidity :	10%~90% (non-condensing)

## Ordering Information

MB898-R	LGA775 Q965 ATX motherboard w/ VGA and 10/100 Ethernet (RoHS compliant)
MB898F-R	LGA775 Q965 ATX motherboard w/ VGA, PCI Express Gigabit Ethernet and SATA x4 (RoHS compliant)
MB898RF-R	LGA775 Q965 ATX motherboard w/ VGA, PCI Express Gigabit Ethernet and SATA x6 w/ RAID support (RoHS compliant)

Remarks:

\* Specifications are subject to change without prior notice.