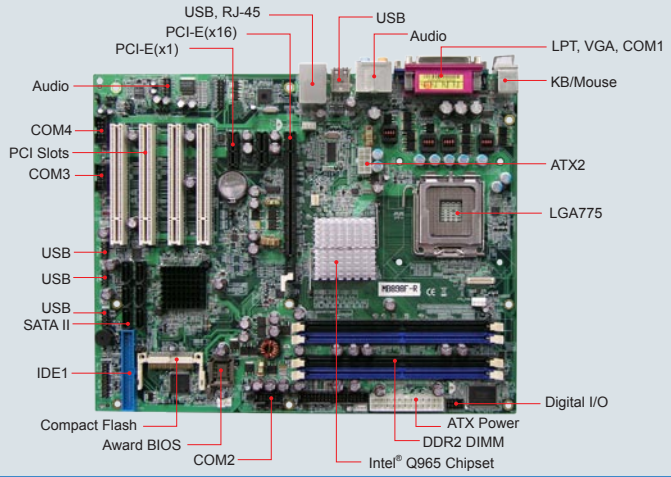


MB898



Features

- Supports Intel® Core™2 Duo / Pentium® D / Intel® Pentium® 4 HT / Celeron® D Up to 2.6GHz, 533/800/1066MHz FSB
- 4x DDR2 DIMM, Max. 8GB
- 10/100BaseT or Gigabit LAN on board
- Integrated Intel® Q965 Express VGA
- 4x SATA II, 10x USB 2.0, 4x COM
- Watchdog timer, Digital I/O
- 4x PCI, 2x PCI-E(x1), 1x 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	4x DDR2 DIMM, Max. 8GB (DDR2 533/667/800)
System Chipset	Intel® Q965 Express + ICH8, 533/800/1066MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	Type II CF socket
H/W Monitor	Yes
Expansion Slots	4x PCI, 2x PCI-E(x1), 1x PCI-E(x16)

Graphics

VGA Controller	Intel® Q965 Express integrated for CRT
VGA Memory	DVMT 4.0 (Intel® GMA 3000); supports memory allocation up to 256MB
Display Interface	Supports CRT

LAN

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

Multi I/O

I/O Chipset	Winbond 83627EHG + Fintek F81216 1x IDE, 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 and Environmental

Dimensions	305mm x 244mm (12" x 9.6")
Max. Power Requirement	Intel® Core™2 Duo (E6400) 2.13GHz w/ 2GB DDR2 +3.3V: 6.58A +5VSB: 0.43A +5V: 3.12A +12V: 1.15A CPU Input +12V: 3.37A
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

MB898-R	LGA775 Q965 ATX motherboard w/ VGA and 10/100 LAN
MB898F-R	LGA775 Q965 ATX motherboard w/ VGA, PCI-E Gigabit LAN and 4x SATA
MB898RF-R (By request w/ MOQ)	LGA775 Q965 ATX motherboard w/ VGA, PCI-E Gigabit LAN and 6x SATA w/ RAID support (ICH8DO)

Remarks:

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

- 1 Motherboards
- 2 Disk-Size SBOS
- 3 CPU Modules
- 4 PC/I/Os Plus
- 5 CPU Card
- 6 Embedded Systems
- 7 Network Security Applique