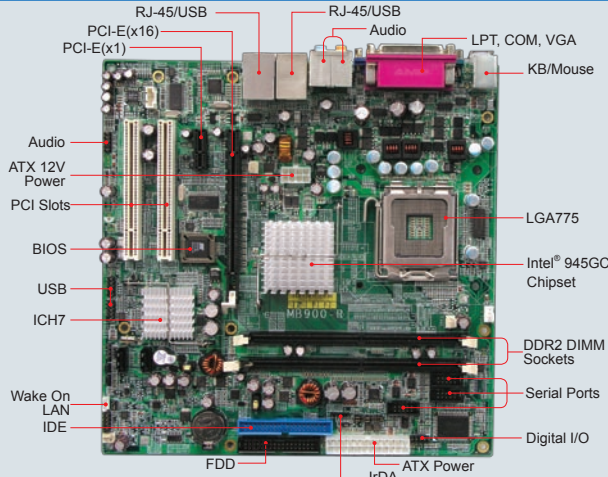


MB900



Features

- Supports Intel® Core™2 Duo / Pentium® D / Pentium® 4 / Celeron® D processors, 533/800/1066MHz FSB
- 2x DDR2 DIMM, Max. 2GB
- ICH7 10/100 and Marvell PCI-E Gigabit LAN
- Integrated Intel® 945GC VGA, CRT support
- 2x SATA II, 8x USB 2.0, 4x COM
- Watchdog timer, Digital I/O
- 2x PCI, 1x PCI -E(x1), 1x PCI-E(x16)

System

CPU	Intel® Core™2 Duo / Pentium® D / Pentium® 4 / Celeron® D
System Memory	2x DDR2 DIMM, Max. 2GB
System Chipset	Intel® 945GC + ICH7, 533/800/1066MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	CF socket
H/W Monitor	Yes
Expansion Slots	2x PCI, 1x PCI-E(x1), 1x PCI-E(x16)

Graphics

VGA Controller	Intel® 945GC integrated Graphics Media Accelerator 950 (GMA 950 graphics)
VGA Memory	Supports DVMT 3.0; Max. shared memory - 224MB
Display Interface	Supports CRT

LAN

Controller	ICH7 integrated 10/100 LAN Marvell 88E8053 PCI-E Gigabit LAN
Connector	RJ-45 on board

Multi I/O

I/O Chipset	ICH7, Winbond 83627EHG, Fintek F81216 1x IDE, 1x FDD, 1x LPT, 1x KB, 1x mouse, 3x RS-232, 1x RS-232/422/485 2x SATA II
USB	4 ports on board and 4 ports via pin header (USB 2.0)
Audio	Built-in audio + AC97 codec
Others	IrDA, Digital I/O (4-in/4-out)

Mechanical and Environmental

Dimensions	244mm x 244mm (9.6" x 9.6")
Max. Power Requirement	Pentium® 4 3.6GHz w/ 2GB DDR2 +5V: 2.61A +12V: 5.53A
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

MB900C	LGA775 945GC Micro ATX motherboard w/ VGA, 10/100 LAN
MB900CF	LGA775 945GC Micro ATX motherboard w/ VGA, 10/100 LAN and PCI-E 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.

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