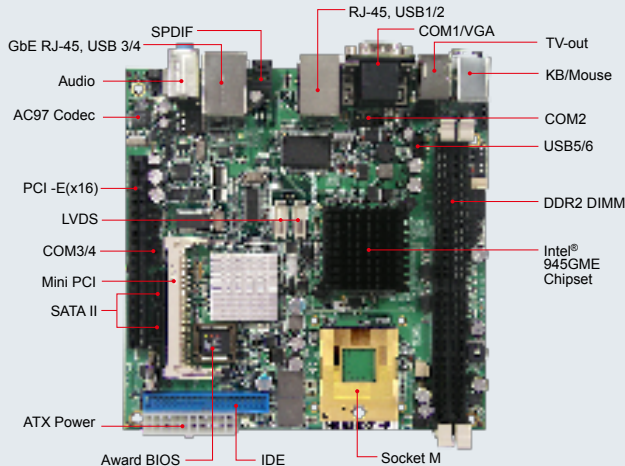


MB899X



Features

- Supports Intel® Core™2 Duo Celeron® M Up to 2.33GHz, 533MHz/667MHz FSB
- 2x DDR2 DIMM, Max. 4GB
- Supports CRT, LVDS, optional TV out
- 10/100BaseT LAN, PCI-E Gigabit LAN
- Watchdog timer, Digital I/O
- 2x SATA II, 6x USB 2.0, 4x COM
- 1x PCI-E(x16), 1x Mini PCI, Optional MiniPCI-E

System

CPU	Socket M Intel® Core™2 Duo / Core™ Duo / Celeron® M processors, up to 2.33GHz
System Memory	2x DDR2 DIMM, Max. 4GB
System Chipset	Mobile Intel® 945GME Express + ICH7M, 533MHz/667MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	Optional CF socket
H/W Monitor	Yes
Expansion Slots	1x Mini PCI, 1x PCI-E(x16), optional 1x Mini PCI-E

Graphics

VGA Controller	Intel® Graphics Media Accelerator (GMA) 950, supports CRT, RCA, S-Video and HDTV
VGA Memory	Supports DVM T 3.0; Max. shared memory - 224MB
Display Interface	Supports 18-bit, single or dual channel LVDS

LAN

Controller	Intel® ICH7M integrated 10/100Mbps + PHY 82562ET Marvell 88E8053 PCI-E Gigabit LAN
Connector	2x RJ-45 on board

Multi I/O

I/O Chipset	Winbond W83627EHG 1x IDE, 1x FDD, 1x KB, 1x mouse 4x RS-232, 2x SATA II
USB	6 ports on board (USB 2.0)
Audio	Intel® ICH7M built-in Intel® High Definition Audio + AC97 codec, SPDIF-Out + NS LM4950 amplifier
Others	IrDA, Digital I/O (4-in/4-out)



Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	Intel® Core™ Duo 2.0GHz w/ 2GB DDR2 +3.3V: 1.70A +5V: 2.4A +12V: 5.22A
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

MB899XH	Socket M 945GME Mini-ITX motherboard with VGA, 10/100 LAN
MB899XHF	Socket M 945GME Mini-ITX motherboard with VGA, 10/100 LAN, Gigabit LAN, CF socket
MB899XMH (By request w/ MOQ)	Socket M 945GME Mini-ITX motherboard with VGA, 10/100 LAN, MiniPCI-E
MB899XMHF (By request w/ MOQ)	Socket M 945GME Mini-ITX motherboard with VGA, 10/100 LAN, Gigabit LAN, CF socket, MiniPCI-E
CMI200-60	Chassis for Mini-ITX (low power), w/ 60W PSU, 2.5" HDD holder
CMI200-85	Chassis for Mini-ITX (low power), w/ 85W PSU, 2.5" HDD holder
CMI201-60	Chassis for Mini-ITX (low power), w/ 60W PSU, 2.5" HDD holder
CMI201-85	Chassis for Mini-ITX (low power), w/ 85W PSU, 2.5" HDD holder
CMI203-180	Chassis for Mini-ITX, w/ 180W PSU, 3.5" HDD holder
CMI203-250	Chassis for Mini-ITX, w/ 250W PSU, 3.5" HDD holder

Remarks:

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

