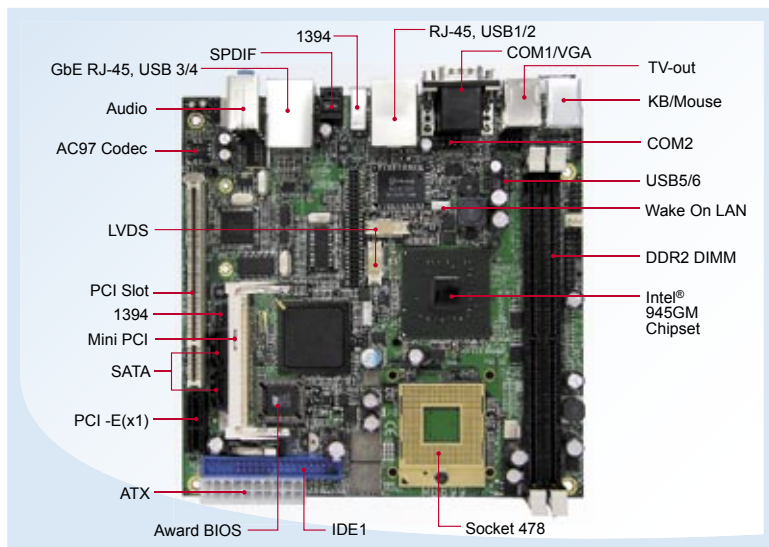


IPC Motherboards

MB899 **NEW**

Socket 478 Intel® Core™ Duo Mini-ITX Motherboard w/ Mobile Intel® 945GM Express Chipset

Intel® Core™ Duo-Based



>> Features

- Supports Intel® Core™ Duo processors
Up to 2.33GHz, 533MHz/667MHz FSB
- DDR2 DIMM x 2, Max. 4GB
- Supports CRT, LVDS, optional TV out or DVI
- 10/100 BaseT LAN, PCI Express Gigabit LAN
- Integrated 10/100 BaseT or Gigabit Ethernet
- Watchdog timer, 6 x USB 2.0 ports
- 2 x SATA, 6 x USB 2.0, Digital I/O, Watchdog timer
- 1 x PCI, 1 x PCI-E (x1), 1 x Mini PCI, Optional 1 x MiniPCIe

System

CPU	Socket 478 Intel® Core™ Duo, up to 2.33GHz
System Memory	DDR2 DIMM x 2, Max. 4GB
System Chipset	Mobile Intel® 945GM Express + ICH7M, 533MHz/667MHz FSB
BIOS	Award 4Mbit
Watchdog Timer	256 levels
SSD	Optional CF socket
H/W Monitor	Yes
Expansion Slot	1 PCI, 1 PCI-E (x1), 1 Mini PCI, Optional 1 Mini PCIe

Graphics

VGA Controller	Mobile Intel® 945GM Express integrated, supports CRT, RCA, S-VIDEO and HDTV
VGA Memory	Shared memory Max. 224MB
LCD Interface	Supports 18+18 bits, single or dual channel LVDS

Ethernet

Controller	ICH7M integrated 10/100Mbps + PHY 82562ET Marvell 88E8053 PCI-Express Gigabit LAN
Connector	Two RJ-45 on board

Multi I/O

Chipset	ICH7M, Winbond W83627EHF 1x IDE (UDMA33/66/100), 1x FDD, 1x KB, 1x Mouse 2x RS-232, 2x SATA
USB	6 ports on board (USB 2.0)
Audio	Built-in audio + AC97 codec, SPDIF-OUT + NS LM4950 amplifier
Others	IrDA, 1394, Digital I/O (4-in/4-out)

Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	Pentium® M 2.0GHz w/ 1GB DDR2 x 2 +3.3V: 3.02A +5V: 2.81A +12V: 1.76A
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

MB899	Socket 478 Mobile Intel® 945GM Express Mini-ITX motherboard w/ VGA and 10/100 Ethernet
MB899F	Socket 478 Mobile Intel® 945GM Express Mini-ITX motherboard w/ VGA, 1394, CF socket, 10/100 and Gigabit Ethernet
ID390(C)	SDVO card with Chronitel 7308, 24+24 bit single/dual channel LVDS and Chronitel 7021 for CRT
ID391	DVI card with Chronitel 7307C, DVI single or dual channel LVDS

Remarks:

* Add (-R) after the model name for RoHS-compliant version when ordering.