

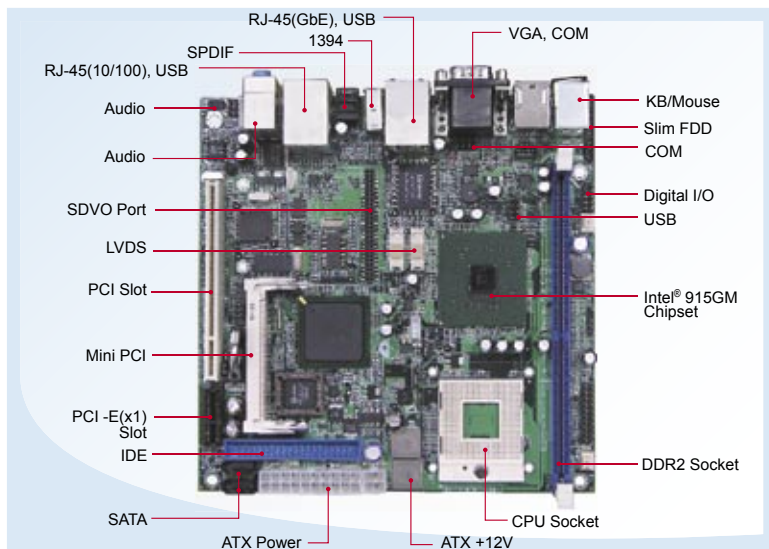
IPC Motherboards

MB896



Socket 479 Pentium® M Mini-ITX Motherboard w/ Intel® 915GM Chipset

Pentium® M-Based



Features

- Supports Pentium® M / Celeron® M processors Up to 2.26GHz, 400MHz/533MHz FSB
- DDR2 DIMM x 1, Max. 1GB
- Onboard 10/100 BaseT and optional Marvell PCI-Express Gigabit Ethernet
- Integrated Intel® 915GM VGA for CRT, 18-bit dual channel LVDS, optional 24-bit LVDS support
- 2 x SATA, 6 x USB 2.0, 2 x COM, Watchdog timer
- Optional 1394/CF socket, optional single/dual DVI card, 1 x PCI, 1 x Mini PCI, 1 x PCI-E(1) slots

System

CPU	Socket 479 for Pentium® M / Celeron® M Up to 2.26GHz
System Memory	DDR2 DIMM x 1, Max. 1GB
System Chipset	Intel® 915GM + ICH6M, 400MHz/533MHz FSB
BIOS	Award 4Mbit
Watchdog Timer	256 levels
SSD	Optional CF socket
H/W Monitor	Yes
Expansion Slot	1 PCI, 1 Mini PCI, 1 PCI-E(1)

Graphics

VGA Controller	Intel® 915GM integrated for CRT and LVDS
VGA Memory	DVMT 3.0 support; Max. memory allocation based on total system memory
LCD Interface	Supported by Intel® 915GM, 18-bit dual channel LVDS, Optional ID390 with Chrontel 7308 for 24-bit LVDS

Ethernet

Controller	Intel® 915GM integrated 10/100 BaseT LAN and optional Marvell 88E8053 PCI-Express Gigabit LAN
Connector	RJ-45 on board

Multi I/O

Chipset	ICH6M, Winbond 83627EHF 1x IDE (UDMA33/66/100), 1x FDD, 1x KB, 1x Mouse, 2x RS-232, 2x SATA
USB	4 ports on board Pin header for 2 ports (USB 2.0)
Audio	Built-in audio + AC97 codec, NS LM4950 amplifier
Others	IrDA, 1394, ATX power connector

Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	CPU: Pentium® M 1.4GHz DDR2: 1GB +5V: 1.32A +12V: 1.52A
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

MB896	Socket 479 915GM Mini-ITX motherboard w/ VGA and 10/100 Ethernet
MB896F	Socket 479 915GM Mini-ITX motherboard w/ VGA and 10/100, Gigabit Ethernet, 1394, CF
ID392	DVI daughter card w/ Chrontel 7307 controller, DVI connector on board
ID392D	DVI daughter card w/ dual Chrontel 7307 controller, dual DVI connector on board
ID391	DVI daughter card with Chrontel 7307 controller, w/ DVI cable
ID391D	DVI daughter card with dual Chrontel 7307 controller, w/ dual DVI cable
ID390	LVDS (24-bit) daughter card w/ Chrontel 7308
ID390C	CRT2 daughter card with Chrontel 7021

Remarks:

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

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