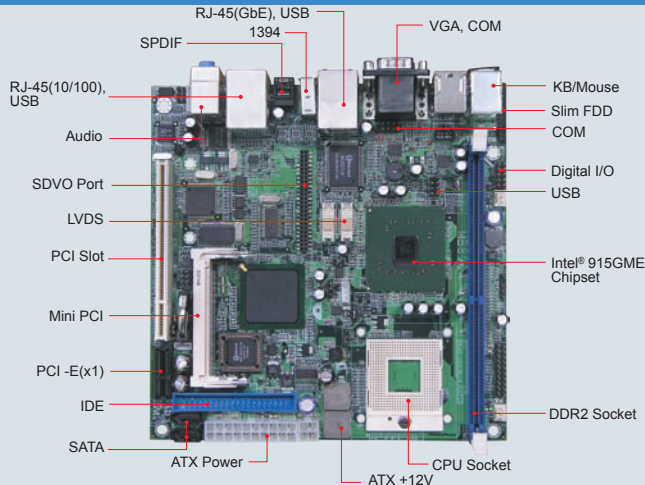




## MB896



### Features

- Supports Intel® Pentium® M / Celeron® M, up to 2.26GHz, 400MHz/533MHz FSB
- 1x DDR2 DIMM, Max. 1GB
- Onboard 10/100BaseT and optional Marvell PCI-E Gigabit LAN
- Integrated Intel® 915GME VGA for CRT, 18-bit dual channel LVDS
- 2x SATA, 6x USB 2.0, 2x COM, Watchdog timer
- Optional 1394/CF socket, optional single/dual DVI card, 1x PCI, 1x Mini PCI, 1x PCI-E(x1)

### System

CPU	Socket 479 for Intel® Pentium® M / Celeron® M Up to 2.26GHz
System Memory	1x DDR2 DIMM, Max. 1GB
System Chipset	Intel® 915GME + ICH6M, 400MHz/533MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	CF socket (option)
H/W Monitor	Yes
Expansion Slots	1x PCI, 1x Mini PCI, 1x PCI-E(x1)

### Graphics

VGA Controller	Intel® 915GME integrated (GMA 900 graphics) for CRT and LVDS
VGA Memory	Supports DVMT 3.0; Max. shared memory - 128MB
Display Interface	Supported by Intel® 915GME, 18-bit dual channel LVDS, Optional ID390 with Chronitel 7308 for 24-bit LVDS

### LAN

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

### Multi I/O

I/O Chipset	Winbond 83627EHG 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, NS LM4950 amplifier, SPDIF out
Others	IrDA, 1394, ATX power connector



### Mechanical and Environmental

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

MB896H	Socket 479 915GME Mini-ITX motherboard w/ VGA and 10/100 LAN
MB896HF	Socket 479 915GME Mini-ITX motherboard w/ VGA, 10/100 and Gigabit LAN, 1394, CF
MB896EL	Intel® Celeron® M 1GHz (w/o cache) 910GME Mini-ITX motherboard w/ VGA and 10/100 LAN
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.

