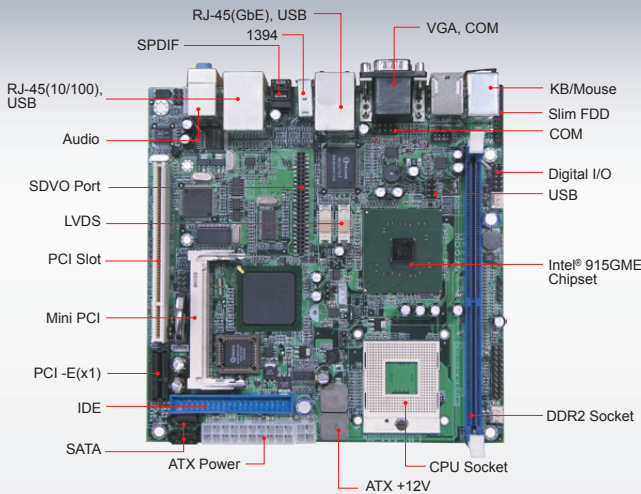


## MB896



### Features

- Supports Pentium® M / Celeron® M processors 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(1) slots



### System

CPU	Socket 479 for 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 Slot	1x PCI, 1x Mini PCI, 1x PCI-E(1)

### 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	ICH6M, 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) 910GMLE Mini-ITX motherboard w/ VGA and 10/100 LAN
ID390B-R	24-bit LVDS board (see page 20)
ID390C-R	CRT board (see page 20)
ID391-R	Single DVI board w/ cable (see page 20)
ID391D-R	Dual DVI board w/ cable (see page 20)
ID392-R	Single DVI board w/ edge connector (see page 20)
ID392D-R	Dual DVI board w/ edge connector (see page 21)
ID450-R	Power interface board (see page 21)
IP115	Riser card with 1x PCI (see page 20)
IP151-R	Riser card with 2x PCI (see page 21)
IP340	Riser card with 2x PCI (see page 21)
IP450-R	Riser card with 2x PCI (see page 21)
CM1200-60	Chassis for Mini-ITX (low power), w/ 60W PSU, 2.5" HDD holder
CM1200-85	Chassis for Mini-ITX (low power), w/ 85W PSU, 2.5" HDD holder
CM1201-60	Chassis for Mini-ITX (low power), w/ 60W PSU, 2.5" HDD holder, 1x PCI-E (optional IP271-R, IP119-R riser & LVDS/DVI ports)
CM1201-85	Chassis for Mini-ITX (low power), w/ 85W PSU, 2.5" HDD holder, 1x PCI-E (optional IP271-R, IP119-R riser & LVDS/DVI ports)
CM1203-180	Chassis for Mini-ITX, w/ 180W PSU, 3.5" HDD holder, 2x PCI-E (optional IP241, IP118-R riser card & iIO LCM)
CM1203-250	Chassis for Mini-ITX, w/ 250W PSU, 3.5" HDD holder, 2x PCI-E (optional IP241, IP118-R riser card & iIO LCM)

Remarks: \* Specifications are subject to change without prior notice.

