



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 Graphics Media Accelerator 900 (GMA 900 graphics) for CRT and LVDS
VGA Memory	Supports DVMT 3.0; Max. shared memory - 128MB
LCD Interface	Supported by Intel® 915GME, 18-bit dual channel LVDS, Optional ID390 with Chrontel 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 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, NS LM4950 amplifier, SPDIF out
Others	IrDA, 1394, ATX power connector

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

Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	CPU: 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

MB896E	Socket 479 915GME Mini-ITX motherboard w/ VGA and 10/100 LAN
MB896EF	Socket 479 915GME Mini-ITX motherboard w/ VGA, 10/100 and Gigabit LAN, 1394, CF
ID390B-R	24-bit LVDS board (see page 34)
ID390C-R	CRT board (see page 34)
ID391-R	Single DVI board w/ cable (see page 34)
ID391D-R	Dual DVI board w/ cable (see page 34)
ID392-R	Single DVI board w/ edge connector (see page 34)
ID392D-R	Dual DVI board w/ edge connector (see page 34)
ID450-R	Power interface board (see page 35)
IP115	Riser card with 1x PCI (see page 34)
IP151-R	Riser card with 2x PCI (see page 34)
IP340	Riser card with 2x PCI (see page 34)
IP450-R	Riser card with 2x PCI (see page 35)
AMI200	Aluminum Chassis for Mini-ITX motherboard, slim type (see page 113)
AMI300	Aluminum Chassis for Mini-ITX motherboard, medium type (see page 114)
CMI200	Chassis for Mini-ITX motherboard, low power, slim type (see page 118)
CMI201	Chassis for Mini-ITX motherboard, low power, medium type (see page 119)
CMI203	Chassis for Mini-ITX motherboard, regular type (see page 120)