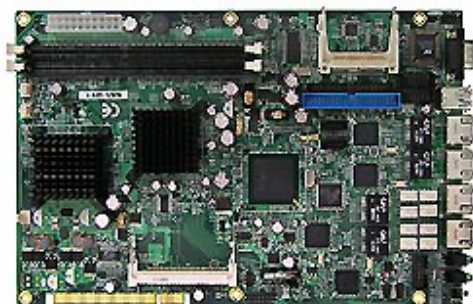


MB875

Intel® 852GM Chipset Custom Motherboard for 1U Rackmount



(click to zoom)

[Datasheet in PDF](#)



FEATURES

- Supports Intel® Pentium® M / Intel® Celeron® M processors, up to 2.0GHz @ 400MHz FSB
- Intel 852GM Chipset, Two DDR socket, Max. 2GB
- Four Intel® 82541PI GbE controllers for four GbE support
- Edge connector supporting PCI 33MHz/32-bit interfaces
- 4 x COM, 4 x USB 2.0, 2 x SATA, CF socket
- Watchdog timer, 1 x PCI, 1 x Mini PCI
- 180mm x 270mm

MB875 SPECIFICATIONS

CPU Socket

Socket 479 or CPU on board

CPU

Supports Intel® Pentium® M, Celeron® M
Up to 2.0GHz

CPU Front Side Bus (FSB)

400MHz

Chipset

Intel® 852GM chipset + ICH4

BIOS

Award BIOS

System Memory

Two DDR266/333 sockets support up to 2GB

VGA

Intel® 852GM integrated graphics
DVMT 2.0 shared memory, Max. 96MB

LAN

Four Intel® 82541PI Gigabit LAN
Four RJ-45 ports on board

Multi I/O

Winbond W83627HF, Fintek 81216
Supports 2x IDE (UDMA33/66/100), 2x SATA,
4x RS-232, 1x KB, 1x Mouse

IDE Interface

Two enhanced IDE channel supports:
IDE channel 1 - 40 pin for master; 44 pin for slave
IDE channel 2 - CF socket for master
2 IDE devices; supports UDMA33/66/100

SSD Interface

CompactFlash socket, Type II, via IDE2

Serial ATA

Supports 2 ports

USB (2.0)

Supports 2 USB ports on board
and 2 USB ports via pin header

Watchdog Timer

256 levels

Keyboard and Mouse Connector

PS/2 type

Edge Connectors

4x RJ45, COM1, 2x USB 2.0

Expansion

1 x Mini PCI socket
1 x PCI Edge connector supporting PCI 33MHz/32-bit
interfaces

Power Connector

ATX power connector

Other Features

GPIO input switch, LEDs on edge include Power LED
HDD Access LED and GPO LED 1/2.

Form Factor

Custom Motherboard

Dimensions

180mm x 270mm

Environmental Factors:

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:

MB875-R - Socket 479, 852GM chipset for 1U Rackmount with four Gigabit Ethernet

MB875-600-R - Intel® Celeron M, 600MHz, 852GM chipset for 1U Rackmount with four Gigabit Ethernet