

### Socket 479 Embedded SBC for Pentium® M Processor with LCD / VGA / Gigabit LAN / Audio

#### Features

Socket 479 for Intel Pentium M processor, up to 1.7GHz

Intel 855GM chipsets, 400 MHz FSB

Chipset integrated LVDS/ VGA function  
Memory support DDR 266/333 MHz up to 1 GB

Support dual 10/ 100/ 1000 Base-TX Ethernet

AC97 Audio Line out pin-header, 6 x USB 2.0 ports, 2 x COM ports, 1 X PCI slot

Low profile heat sink with fan

WatchDog Timer & Hardware monitoring function



#### Specification

##### CPU

Support Socket 479 Intel Pentium M processor up to 1.7GHz

##### Chipset

Intel 855GM + ICH4 chipsets

##### Bus Interface

Front Side Bus 400 MHz

##### Main Memory

Up to 1 GB DDR 266/333 SDRAM on 1 x 184-pin DIMM sockets

##### Onboard LVDS/VGA Controller

Intel 855GME chipset integrated LVDS, VGA function  
Support 24 bit dual channel LVDS panel, resolution up to UXGA

Dual Gigabit LAN Controller

Intel 82540EM Gigabit LAN, for 10/ 100/ 1000 Base-TX Ethernet

##### Audio

AC97 Audio codec

##### Onboard IDE

Two EIDE channels for PIO mode, DMA mode  
EIDE port with 2 type connects, one is 40-pins 2.54 pitch connector, another is 44-pins 2.0 pitch connector  
Support four ATA-100/ 66/ 33 IDE devices

##### USB

Support 6 x USB 2.0 ports, two USB ports on rear panel  
4 x USB 2.0 ports by pin-header, optional USB cable with bracket

##### Multi-I/O Port

Onboard Winbond W83627HF chip, support:  
1 x IrDA by 5-pins pin-header  
1 x Slim Floppy port  
1 x SPP / EPP / ECP parallel port by pin-header  
2 x COM ports for RS-232

##### Watchdog Timer

256 Levels software programmable

##### BIOS

Award BIOS

##### Power Connector

8-pins power connector, support +5V, +12V

##### Board Dimension

203 x 146 mm (L x W)

##### Operation Temperature

0 ~ 60 °C (32 ~140 °F)

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