

## SBC PCI / ISA with VGA, GigaBit LAN for Intel® Core™ 2 Duo

### 96M4271o



### Technical Specifications

#### CPU

- Intel® Core™ 2 Duo Mobile
- Intel® Core™ Duo/Solo Mobile
- Intel® Celeron® M (440/530)
- 667/533 MHz Front Side Bus, socket 479Y

#### Memory

- 2 DIMM slots for 512 - 2048 MB modules
- DDR2 667/533/400
- max. memory up to 4 GB (max. 3 GB for OS)

#### Chipset

- Intel® 945GM and ICH7-M chipset

#### BIOS

- Award System BIOS in Flash-ROM with VGA BIOS

#### Clock/Calendar

- Realtime clock and calendar with battery backup

#### Bus Interface

- PICMG (16 bit ISA / 32 bit PCI)
- int. PCI Express x1 for LAN, PCI Express x16 for VGA

#### Graphic

- Intel® Graphic Media Accelerator 950 VGA, resolution up to 2048 x 1536, 75 Hz, Intel® Dynamic Video Memory Technology
- int. LVDS, DVI and TV-Out connectors

#### LAN Controller

- Dual Intel® 82573L GigaBit Ethernet, PCIe
- supports 10/100/1000 Base-T/TX
- full duplex, 2 x RJ45 port

#### Audio

- Realtek ALC655, AC'97

#### Serial ATA Interface

- for 2 SATA 150 drives

#### IDE Interface

- supports 2 enhanced IDE drives
- PIO-Mode 4, ultra DMA/33/66/100

#### Mini-PCI

- 2 x Mini-PCI slot, type IIIA

#### Compact Flash

- int. Compact Flash socket, type II

#### GPIO

- 8 x GPIO (programmable GPI or GPO)

#### Watch-Dog Timer

- 1 to 255-second/minute timeout interval

#### FDD Controller

- supports 2 drives for 360 KB / 720 KB / 1.44 MB / 1.2 MB / 2.88 MB

#### Serial ports

- two serial ports (RS232, 16C550 FIFO compatible)
- COM2 selectable as RS-232, RS-422, RS-485

#### Parallel port

- one centronics compatible parallel port
- (SPP, ECP/EPP bidirectional)

#### IrDA port

#### USB port (4x)

- USB 2.0

#### Keyboard / mouse connector

- 5-pin int. connector
- 6-pin ext. Mini-DIN connector (PS/2) for keyboard and mouse via Y cable

#### System control

- Voltage control
- Cooler turn around
- Temperature sensor

#### Standards

- PICMG 1.0, PCI 2.0

#### Power management

- Software controlled by BIOS

#### Dimensions

- Card full-length, 338 x 122 mm

#### Operating system

- Windows XP

#### Temperature range

- Storage: -20° ~ 85°C
- Operating: 0° ~ 60°C (CPU requires cooler fan)
- Relative humidity: 10% ~ 90% non-condensing

**2 years Warranty, CE compliant**



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