

**SBC PCISA**  
with VGA, LAN, Audio  
for Pentium® M

**Order No.: 96M4231o**



**Technical Specifications**

**CPU**

- Intel Pentium M / Celeron M up to 2.0 GHz
- Socket 479

**Memory**

- 1 DDR socket for 32 - 1024 MB modules
- PC200/266/333
- maximum memory 1 GB

**Chipset**

- Intel 855GME Chipset, 400 MHz system bus

**BIOS**

- Award System BIOS in Flash ROM with VGA BIOS

**Clock/Calendar**

- Realtime clock and calendar with battery backup

**Bus Support**

- PCISA, Mini PCI slot
- internal PCI for LAN, IDE and VGA

**VGA**

- Intel 82855GME AGP 4x LVDS/VGA with 64 MB shared memory

**LAN Controller**

- Intel 82562ET ethernet controller,
- 10/100 Base T/TX support, full duplex
- RJ45 port

**Audio**

- internal Intel ICH4 3D audio controller
- AC'97 Codec ALC650

**IDE Controller**

- Supports 4 enhanced IDE drives
- 1 x 40-pin, 1 x 44-pin, Ultra DMA/33/66/100

**FDD Controller**

- for one slimline drive, 26-pin

**Compact Flash**

- internal Compact Flash Socket (IDE2 Slave channel)

**Serial Port**

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

**Parallel Port**

- One Centronics compatible parallel port (SPP, ECP/EPP bidirectional)

**USB Port (3x)**

- USB 2.0

**IrDA Port**

**Watch-Dog Timer**

- 1 to 255-second/minute timeout interval

**Keyboard / Mouse Connector**

- 5-pin internal connector
- 6-pin external Mini-DIN connector (PS/2) for keyboard and mouse per Y-Cabel

**Standards**

- PCISA, Mini PCI

**Power Management**

- Software controlled by BIOS

**Dimensions**

- Card half-length, 186 x 129 mm

**Environment**

- Storage Temperatures: -20° ~ 85°C
- Operating Temperatures: -0° ~ 55°C (cooler fan required for CPU)
- Relative Humidity: 10% ~ 90%, non-condensing



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