

SBC for Celeron® / Pentium® III with VGA/Gigabit LAN/Audio

Order No.: 96M2891o



Technical Specifications

CPU

- Intel Celeron® / Intel Pentium® III, FCPGA2
- up to 1.4 GHz, Socket 370

Memory

- 2 DDR sockets for 32 - 1024 MB modules
- maximum memory 2 GB

Chipset

- VIA CLE266 (VT8623) Chipset
- Front Side Bus 66, 100 and 133 MHz

BIOS

- Award System BIOS in Flash ROM with VGA BIOS

Clock/Calendar

- Realtime clock and calendar with battery backup

Bus Support

- PICMG (16 bit ISA / 32 bit PCI)
- internal AGP for VGA, PCI for LAN and IDE

VGA

- VIA 2D/3D AGP 4x VGA Controller with 64 MB shared Memory
- max. resolution 1400x1050

LAN

- Realtek 8110S Single Ethernet Controller
- 10/100/1000 Base-T/TX support, full duplex
- RJ45 port

Audio

- internal VIA Audio Controller
- AC'97 Codec

IDE Controller

- Supports 4 enhanced IDE drives up to PIO Mode 4, Ultra DMA/33/66/100/133

FDD Controller

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

Compact Flash

- internal Compact Flash Socket (on the back side)

Serial Port

- Two serial ports (16C550 FIFO compatible)
- Both ports selectable as RS-232, RS422, RS-485

USB Port (6x)

- USB 2.0

IrDA Port

Parallel Port

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

Watch-Dog Timer

- 0.5 to 254.5 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

ISA 64

- Maximize ISA signals to support ISA cards up to 5

System control

- Voltage control
- cooler turn around
- temperature sensor

Power Supply

- +5V / 6A (max.)
- +12V / 0.5A (max.)

Power Management

- Software controlled by BIOS

Standards

- PICMG 2.0 (PCI / ISA), PCI 2.2

Dimensions

- Card full-length, 338 x 122 mm

Environment

- Storage Temperatures: -20° ~ 80°C
- Operating Temperatures: -5° ~ 55°C (cooler fan required for CPU)
- Relative Humidity: 10% ~ 90%, non-condensing

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Computer

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Layout for 96M28910

