

DSM Embedded Controller 5.25"-Format

Embedded Controller "P3-51"

Order No.: 96M5781o



Form factor
5.25"



Technical Specifications

CPU

- Intel® Pentium® III / Celeron® / Tualatin® / Coppermine®
- VIA C3 / C3 Samuel I/II / Ezra
- up to 1.4 GHz, Socket 370

Memory

- 1 DIMM slot for 32 - 512 MB modules
- PC100/133
- maximum memory 512 MB

Chipset

- VIA 8606T/PN133T (Twister T)
- Front Side Bus 66, 100 and 133 MHz

BIOS

- Award System BIOS in Flash-ROM with VGA, LAN BIOS

Clock/Calendar

- Realtime clock and calendar with battery backup

Bus Interface

- 1 x PCI Slot 32 bit, PC-104 and PC-104 Plus
- internal PCI for VGA, LAN, IDE

VGA

- internal VIA 8606 Savage4 2D/3D VGA Controller with 32 MB shared memory
- max. resolution: 1920 x 1440
- LVDS and TTL LCD Interface, max. 1280 x 1024

LAN

- internal Realtek RTL8100B controller
- 10/100 Base-T/TX support, full duplex, RJ45 port

Audio

- internal VT82C686B Audio controller
- AC'97 Codec

IDE Interface

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

Watch-Dog Timer

- 1, 2, 10, 20, 110, 220-second timeout interval
- NMI or RESET, disconnectible

IR Connector

FDD Controller

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

DiskOnChip Socket

- From 2 to 288 MB single-chip

Serial Port

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

Parallel Port

- Two Centronics compatible parallel ports
- (SPP, ECP/EPP bidirectional)
- disconnectible

USB Port (2x)

- USB 1.1

Keyboard / Mouse Connector

- 10-pin internal connector (PS/2) for keyboard and mouse per Y-Cabel

Power Supply

- +5V / 4.2A (Intel® Pentium® III 866 MHz/128MB RAM)

Dimensions

- 203 x 146 mm (5.25" format)

Environment

- Storage temperatures: -20° ~ 85°C
- Operating temperatures: 0° ~ 60°C
- Relative humidity: 10% ~ 90%, non-condensing

