

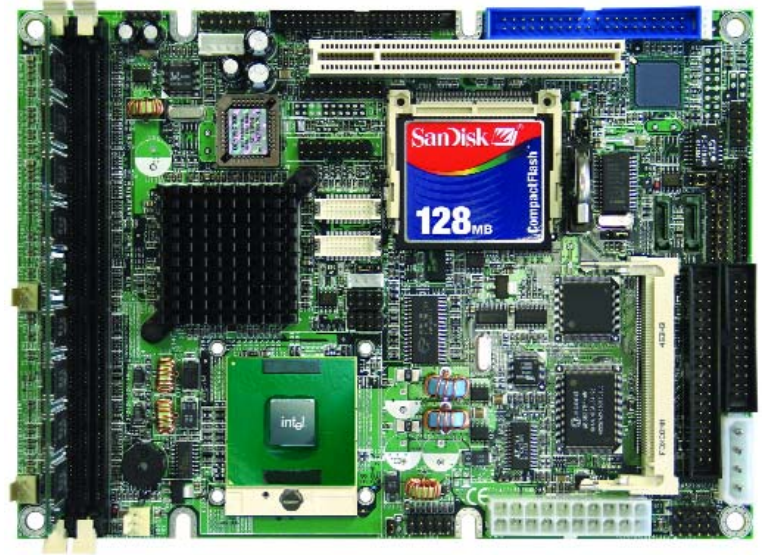
DSM Embedded Controller 5.25"-Format

Embedded Controller "PM-51GS"

Order No.: 96M5851o-2



Form factor
5.25"



Technical Specifications

CPU

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

Memory

- 2 DDR slot for 32 - 1024 MB modules
- PC200/266/333
- maximum memory 2 GB, ECC supported

Chipset

- Intel® 855GME
- 400 MHz system bus

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, 1 x Mini PCI slot
- internal AGP for VGA, PCI for LAN, IDE

VGA

- Intel® 855GME VGA with 64 MB shared memory
- CRT & LVDS (24-bit), TMDS optionally

LAN

- Dual Intel® Ethernet controller,
1 x ICH4 integrated, 10/100 Base-T/X support
1 x Intel® 82541GI, 10/100/1000 Base-T/X support
full duplex, RJ45 port

Audio

- internal Intel® ICH4 3D Audio controller
- AC'97 Codec

Serial ATA Interface

- for 2 SATA 150 drives

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 to 255-second/minute timeout interval

IR Connector

Compact Flash

- internal Compact Flash Socket

FDD Controller

- Supports one drive for
360 KB / 720 KB / 1.44 MB / 1.2 MB / 2.88 MB

Serial Port

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

Parallel Port

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

USB Port (4x)

- USB 2.0

Keyboard / Mouse Connector

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

System control

- Voltage control
- Cooler turn around
- Temperature sensor

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



DSM[®]
Computer

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DSM Embedded Controller 5.25"-Format

Layout for 96M58510-2

