

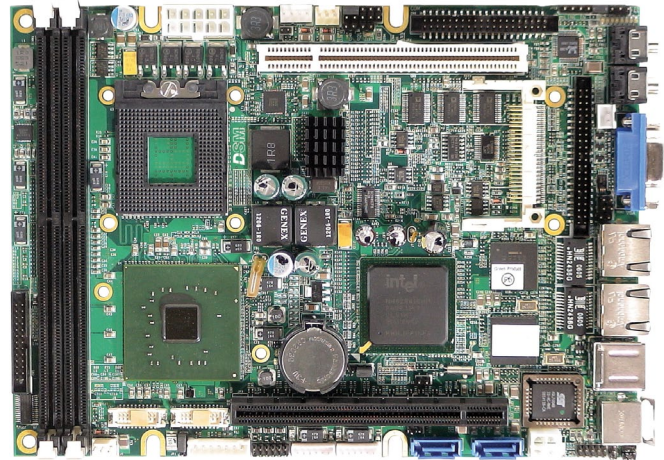


Embedded Controller for Intel® Core™ 2 Duo Mobile

Form factor
5.25"



PCI EXPRESS



TECHNICAL SPECIFICATIONS

Embedded Controller

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 ports for 512 - 2048MB module
- DDR2 667/533/400
- max. Memory 4 GB (max. 3 GB for OS)

Chipset

- Intel® 945GME and ICH7M-DH chipset

BIOS

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

Clock/Calendar

- Realtimeclock and calendar with batterie backup

Bus interface

- 1 x PCI slot 32 bit
- 1 x PCI Express x16 slot (only through riser card)
- Internal PCI Express x1 for LAN

VGA

- Intel® Graphic Media Accelerator 950 VGA, resolution up to 2048 x 1536 @ 75 Hz, Intel® Dynamic Video Memory technology
- LVDS, single (18bit) or dual (36bit) pixel
- CCFL for LCD Panel backlight

LAN

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

Audio

- internal Realtek RTL655 audio controller, AC'97 Codec

Serial ATA interface

- for 2 SATA 150 drives, RAID 0,1

USB port (6x)

- USB 2.0

IrDA port

IDE interface

- for 2 enhanced IDE-drives
- 1 x 44-pin, Ultra DMA/33/66/100, Secondary

Compact Flash

- Internal Compact Flash socket, type II
- Primary Master

GPIO

- 8 x GPIO (4 x programmable GPI/GPO)

Parallel ports

- one parallel port (ECP/EPP bi-directional)

Serial ports

- 4 serial ports (RS-232, 16C550 FIFO compatible)

Watch-Dog Timer

- 0.5 to 254.5-second or minutes timeout interval, adjustable

Keyboard / Mouse

- 6-pin external Mini-DIN connector (PS/2) for keyboard and Mouse per Y-Kabel

System control

- 5 x Voltage control (+3.3V, +5V, +12V, VCore, +2.5V)
- 3 x cooler turn around
- 3 x temperature sensor

Dimensions

- 203 x 143 mm (5.25" format)

Operating system

- Windows 2000 (ex SP4), XP (ex SP2)

Temperature range

- Storage: -20° ~ 85°C
 - Operating: 0° ~ 60°C (cooler fan required for CPU)
 - Relative Humidity: 5% ~ 95%, non-condensing
- 2 years Warranty, CE compliant

ORDER NUMBERS

96M5771o

- Embedded Controller (without processor)

96M5775

- incl. Intel® Core™ 2 Duo T7400 2.16 GHz / 667 MHz FSB

DSM
Computer



Layout 96M5771o

