

SBC Pentium PCI / ISA with Ultra-Wide SCSI

96M2971o



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Technical Specifications

- **CPU**
Intel Pentium up to 233 MHz (P54C and P55C) MMX
- **Memory**
4 PS/2 slots for 4 - 128 MB (FPM / EDO) modules
maximum memory 512 MB
- **Cache**
512 KB Pipeline Burst cache
- **Chipset**
Intel 82430HX Chipset, ECC/Parity support
- **BIOS**
Award System BIOS in Flash ROM with SCSI BIOS
- **Clock/Calendar**
Realtime clock and calendar with battery backup
- **Bus Support**
PICMG (16 bit ISA / 32 bit PCI), internal PCI for SCSI, IDE
- **SCSI**
PCI UltraWide SCSI interface with Adaptec AIC7880 RISC controller
40 MB/s transfer rate
- **IDE Controller**
For 4 Enhanced IDE drives,
PIO Mode 4, DMA Mode 2 and Ultra DMA/33, can be switched off
- **FDD Controller**
Up to 2 drives for
360 KB / 720 KB / 1.44 MB / 1.2 MB / 2.88 MB / LS-120, can be switched off
- **DiskOnChip Socket**
From 2 to 288 MB single-chip
- **Serial Port**
Two serial ports (RS232, 16C550 FIFO compatible)
can be switched off individually
- **Parallel Port**
One centronics compatible parallel port
(SPP, ECP/EPP bidirectional), can be switched off
- **Watch-Dog Timer**
1 to 64-second timeout interval,
NMI or RESET, can be switched off
- **USB Port (2x)**
10-pin internal connector
- **Keyboard Connector**
5-pin internal connector and 6-pin external Mini-DIN connector (PS/2)
- **Mouse**
6-pin external Mini-DIN connector (PS/2)

- **Standards**
PICMG 2.0 (PCI / ISA), PCI 2.1
- **Power Management**
Software controlled by BIOS
- **Power Supply**
+5V / 20A (max.)
±12V / 100mA
- **Dimensions**
Card full-length, 338 x 122 mm, weight approx. 400g
- **Environment**
Storage Temperatures: -20° ~ 80°C
Operating Temperatures: 0° ~ 55°C (cooler fan required for CPU)
Relative Humidity: 10% ~ 90%, non-condensing



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