

# SBC Pentium II / III BlueBoard



96M2001o

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## Technical Specifications

- **CPU**  
Intel Pentium II up to 450 MHz, Intel Pentium III up to 850 MHz,  
(on the back), Slot 1
- **Memory**  
3 slots for 32 - 256 MB SDRAM modules  
maximum memory 768MB
- **Chipset**  
Intel 82440B Chipset, ECC support  
Front Side Bus 66, 100 and 133 MHz
- **BIOS**  
Award System BIOS in Flash-ROM
- **Clock/Calendar**  
Realtime clock and calendar with battery backup
- **Bus Support**  
PICMG (16 bit ISA / 32 bit PCI), internal PCI for IDE
- **IDE Controller**  
Up to 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**  
10 to 80-second timeout interval,  
NMI or RESET, can be switched off
- **USB Port (2x)**
- **IrDA 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)

- **System control**  
Voltage control for the values Vcore, +5V, +12V, +3.3V  
2 x cooler turn around, 2 x temperature sensor  
all data can be retrieved using Windows95, NT4.0
- **Standards**  
PICMG 2.0 (PCI / ISA), PCI 2.1
- **Power-Management**  
Software controlled by BIOS
- **Power Supply**  
+5V / 12A (max.)  
±12V / 500mA
- **Dimensions**  
Card full-length, 338 x 122 mm, weight approx. 420g
- **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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