

# 586 SBC PCI/ISA

## 96M2991o



- ➔ [Technical Specifications](#)
- ➔ [Layout and Jumper Settings](#)
- ➔ [User's Manual as PDF-File](#)
- ➔ [BIOS and Flash programm](#)



Zoom

## Technical Specifications

- **CPU**  
Intel Pentium up to 233 MHz (P54C and P55C) MMX,  
AMD K6 up to 400 MHz
- **Memory**  
6 PS/2 slots for 4 - 64 MB (FPM / EDO) modules  
maximum memory 384 MB
- **Cache**  
512 KB Pipeline Burst cache
- **Chipset**  
Intel 82430HX Chipset, ECC/Parity support
- **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**  
For 4 Enhanced IDE drives,  
PIO Mode 4, DMA Mode 2, 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)**  
10-pin internal connector
- **IrDA Port**  
5-pin internal IRCON 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 / 6A (max.)  
±12V / 500mA
- **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



Back



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