The Wayback Machine - https://web.archive.org/web/20020503123718/http://www.dsm-computer.de:80/daten…

586 SBC ISA
with VGA

96M2911o

➡ **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 K6-2 up to 400 MHz
- **Memory**
  2 PS/2 slots for 4 - 64 MB (FPM / EDO) modules
  maximum memory 128 MB
- **Cache**
  512 KB Pipeline Burst cache
- **Chipset**
  SIS 5598 Chipset
- **BIOS**
  Award System BIOS in Flash ROM with VGA BIOS
- **Clock/Calendar**
  Realtime clock and calendar with battery backup
- **Bus Support**
  16 bit ISA, internal PCI for VGA, IDE
- **VGA**
  SIS 5598 VGA controller, UMA memory 0.5 - 4 MB
  max. resolution/color/refresh rate
    1024x768, high color, 75Hz
    1280x1024, 256, 75Hz
    1024x768, true color, interlaced
    1280x1024, high color, interlaced
  VGA driver for Windows 95 /NT4.0, OS/2 Warp 3.0
- **IDE Controller**
  For two 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)
  COM1/2 as RS232, RS422 and RS485 selectable, 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)**
  6-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**
  ISA 16 bit
- **Power Management**
  Software controlled by BIOS
- **ISA MAX**
  Maximize ISA signals to support ISA cards up to 20
- **Power Supply**
  +5V / 6A (max.)
  ±12V / 50mA
- **Dimensions**
  Card half-length, 185 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   Print