

# SBC 586 PCI with VGA / LCD



## 96M2981o

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## Technical Specifications

- **CPU**  
Intel Pentium up to 233 MHz (P54C and P55C) MMX
- **Memory**  
2 PS/2 slots for 4 - 64 MB (FPM / EDO) modules  
maximum memory 128 MB
- **Cache**  
256 KB Pipeline Burst cache
- **Chipset**  
ALI M1521/M1523
- **BIOS**  
Award System BIOS in Flash ROM with VGA BIOS
- **Clock/Calendar**  
Realtime clock and calendar with battery backup
- **Bus Support**  
Similar with PCI, PC-104, internal PCI for VGA, IDE
- **VGA**  
Chips 65548 PCI VGA/LCD with 2MB RAM  
max. 1024x768x256 for VGA / 800x600 and 1024x768 for LCD  
simultaneous operating of monitor and LCD
- **IDE Controller**  
For 2 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
- **Serial Port**  
Two serial ports (RS232, 16C550 FIFO compatible)  
COM2 selectable as RS-232/422/485, can be switched off individually
- **Parallel Port**  
One centronics compatible parallel port  
(SPP, ECP/EPP bidirectional), can be switched off
- **Watch-Dog Timer**  
0 to 30-second timeout interval,  
NMI or RESET, can be switched off
- **Keyboard / Mouse Connector**  
5-pin internal connector for keyboard  
6-pin external Mini-DIN connector (PS/2)  
for keyboard or mouse
- **Standards**  
PCI 2.1

- **Power Management**  
Software controlled by BIOS
- **Power Supply**  
+5V / 6A (max.)  
±12V / 50mA
- **Dimensions**  
Card half-length, 185 x 122 mm, weight approx. 250g
- **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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