

SBC PCI / ISA

with VGA/LAN for Celeron / P III

96M2831o



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Technical Specifications

- **CPU**
Intel Celeron / Pentium III FCPGA up to 1 GHz, Socket 370
- **Memory**
2 DIMM sockets for 32 - 256 MB modules
maximum memory 512 MB
- **Chipset**
Intel 815E Chipset,
Front Side Bus 66, 100 and 133 MHz
- **BIOS**
Award System BIOS in Flash ROM with VGA BIOS
- **Clock/Calendar**
Realtime clock and calendar with battery backup
- **Bus Support**
PICMG (16 bit ISA / 32 bit PCI), internal PCI for VGA, LAN, IDE
- **VGA**
Intel DVMT 3D VGA with 4 MB
max. resolution 1600x1200, 256 Farben, 85Hz
- **LAN Controller**
Intel 82559 single Ethernet controller,
10 Base T / 100 Base TX support, full duplex, RJ45 port
- **IDE Controller**
Supports 4 enhanced IDE drives,
PIO Mode 4, Ultra DMA/33/66/100
- **FDD Controller**
Supports 2 drives for
360 KB / 720 KB / 1.44 MB / 1.2 MB / 2.88 MB / LS-120
- **DiskOnChip Socket**
From 2 to 288 MB single-chip
- **Serial Port**
Two serial ports (RS232, 16C550 FIFO compatible)
- **Parallel Port**
One Centronics compatible parallel port
(SPP, ECP/EPP bidirectional)
- **Watch-Dog Timer**
0.5 to 254.5-second timeout interval
- **USB Port (2x)**
- **IR Connector**
- **Keyboard / Mouse Connector**
5-pin internal connector,
6-pin external Mini-DIN connector (PS/2)
for keyboard and mouse per Y-Cabel

- **ISA 64**
Maximize ISA signals to support ISA cards up to 5
- **System control**
Voltage control for the values Vcore,
1 x cooler turn around, 1 x temperature sensor
- **Standards**
PICMG 2.0 (PCI / ISA), PCI 2.1
- **Power Management**
Software controlled by BIOS
- **Power Supply**
+5V / 7A (max.)
+12V / 200mA
-12V / 30mA
- **Dimensions**
Card full-length, 338 x 122 mm
- **Environment**
Storage Temperatures: -20° ~ 80°C
Operating Temperatures: 0° ~ 55°C (cooler fan required for CPU)
Relative Humidity: 10% ~ 90%, non-condensing

