

SBC PCI / ISA VGA/LCD for Dual Celeron / Pentium III



96M2781o

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Technical Specifications

- **CPU**
Dual Intel Celeron / Pentium III FCPGA up to 1 GHz
Socket 370
- **Memory**
4 RIMM sockets for RDRAM modules, maximum memory 1024MB
- **Chipset**
Intel 840 Chipset,
64-bit and 66 MHz PCI interface
Front Side Bus 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 AGP for VGA,
internal PCI for IDE
- **VGA**
SMI 721 3D 2xAGP VGA controller with 4/8 MB
LCD panel support, up to 1280 x 1024
VGA driver for Windows95 / 98 / NT4.0 / 2000 / OS/2
- **IDE Controller**
Supports 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**
1 to 64-second timeout interval,
NMI or RESET, can be switched off
- **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**
PCI 2.2
- **Power Management**
Software controlled by BIOS
- **ISA MAX**
Maximize ISA signals to support ISA cards up to 20
- **Power Supply**
+5V / 10A (max.)
+12V / 400mA (max.)
-12V / 50mA (max.)
+3.3V / 10A (max.)
- **Dimensions**
Card full-length, 338 x 122 mm
- **Environment**
Storage Temperatures: -20° ~ 80°C
Operating Temperatures: 0° ~ 60°C (cooler fan required for CPU)
Relative Humidity: 10% ~ 90%, non-condensing

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