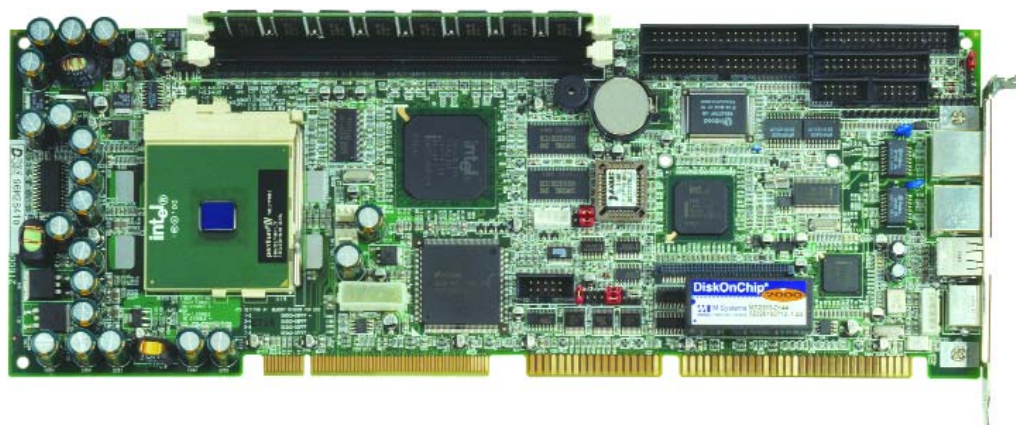


## DSM Industrial SBC / ECT

**SBC PCI / ISA  
with VGA/Dual-LAN  
for Celeron / P III**  
**Order No.: 96M2841o**



### 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**

Dual port Intel 82559 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

**DSM**<sup>®</sup>  
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# Layout for 96M2841o

