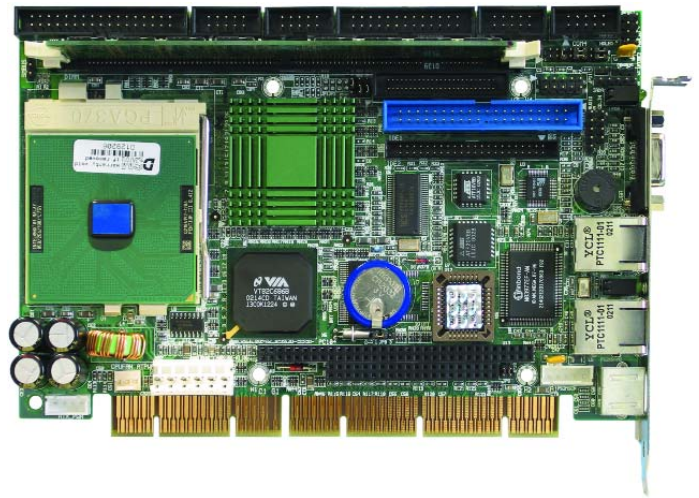


DSM Industrial SBC / ECT

SBC for Celeron / P III with VGA/LCD/Dual LAN/Audio (½ Unit)

Order No.: 96M2821o



Technical Specifications

CPU

Intel Celeron / Pentium III, FCPGA/FCPGA2
up to 1.2 GHz, Socket 370

Memory

1 DIMM socket for 32 - 512 MB modules
maximum memory 512 MB

Chipset

VIA 8606 (Twister T) Chipset, ECC support
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

PCISA, internal AGP for VGA, PCI for LAN, IDE

VGA

VIA 8606 Savage4 3D AGP VGA/LCD mit 32 MB shared
memory, CRT & Panel support (TFT / DSTN)

LAN

Dual port Realtek 8100BL chip Ethernet controller
10 Base T / 100 Base TX support, full duplex,
RJ45 port

Audio

internal ALC201A Audio Controller, AC'97 Codec

IDE Controller

Supports 4 enhanced IDE drives,
PIO Mode 4 and Ultra DMA/66,
Secondary IDE als 44-pin, 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

4 serial ports (RS232, 16C550 FIFO compatible)
one port selectable as RS-232/422/485

Parallel Port

One Centronics compatible parallel port
(SPP, ECP/EPP bidirectional), can be switched off

Watch-Dog Timer

10, 20, 30, 80 second timeout interval,
can be switched off

USB Port (2x)

2 x 5-pin internal connector

IrDA Port

5-pin internal connector

Keyboard / Mouse Connector

6-pin external Mini-DIN connector (PS/2) for keyboard
and mouse per Y-Cabel

System control

Voltage control for the values Vcore, +2.5V, +3.3V,
+5V, +12V

1 x cooler turn around

2 x temperature sensor

Standards

PCISA, PC-104

Power Supply

+5V / 5A (max.)

+12V / 300mA

-12V / 100mA

Dimensions

Card half-length, 185 x 127 mm

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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Layout for 96M2821o

