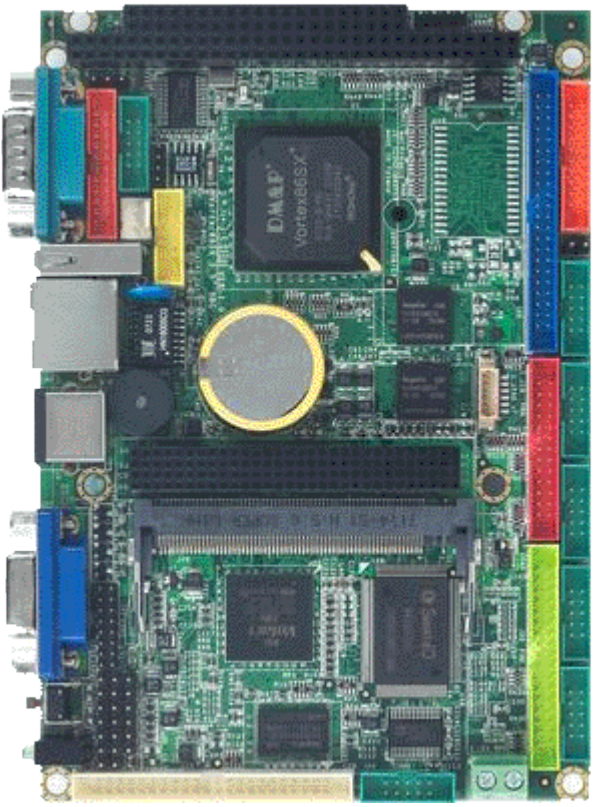
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VSX-6127



CPU: Fanless Vortex 486 class 86SX running at 300MHz

128MB of on-board DDR2 RAM

PC/104+ Expansion

Compact Flash socket

10/100 Base-T Ethernet

3 x USB 2.0 Ports

8 x Serial Ports

Extended Temperature Range -20 º C (-4º F) to 70º C (158º F)

The VSX-6127 utilizes an onboard Vortex86SX Fanless 300MHz processor with Ultra Low Power Consumption and provides PC/104+ bus connectivity. The VSX-6127 has a fully static 32-bit x86 processor and is PC compatible allowing it to run most popular 32-bit Operating Systems such as Windows CE and Linux as well as older Operating Systems such as DOS. The XGI Volari Z9 video chipset features 32 MB onboard video memory supporting Analog VGA monitors and TFT Flat panel LCDs and has a resolution of up to 1280x1024 @ 16M colors. In addition to video, three USB 2.0 ports are provided as well as one Parallel port (SPP/EPP/ECP modes), an UltraDMA – 100/66/3 EIDE port (which supports up to 2 IDE devices) and seven RS-232 and one RS-232/422/485 serial port. The PCM-6127 can run at temperatures of -20 º C (-4º F) to 70º C (158º F). The numerous features provide an ideal price/performance solution for commercial and industrial applications where stability and reliability (no moving parts) are essential. **Flash Disk not included.**

Specifications

SBC Type:

486 Single Board Computers

Processor

Processor:
Vortex86SX 486 class Fanless
Clock Speed:
300 MHz
Real Time Clock:
Processor Misc.:
L1 Cache: 16K I-Cache, 16K D-Cache

Memory

BIOS/ Bootloader:
AMI BIOS
Primary Flash:
1x CompactFlash™ socket supports Type I
Secondary Flash:
On-board 2MB SPI Flash Chip (DOS can boot & run from the on-board SPI Flash)
Memory Misc.:
(Flash Disk not included)

Primary I/O

GPIO:
2x 16-bit General Pupose I/O ports
Disk Interface:
1x Ultra DMA 100/66/33
which supports 2 IDE Drives
Video Out:
CRT/LCD 32MB
Ethernet:
10/100 Base-T Ethernet
USB:
3x USB 2.0
Serial Ports:
7x RS-232
1x RS-232/422/485
1x Parallel SPP/EPP/ECP
Watchdog:

Secondary I/O

LPT Port:
Keypad:
PS/2:

Analog on

A/D:
D/A:

Dimensions

Dimensions:
4.01 × 5.67 in
Form Factor:
Half EBX

Power Requirements

Typical Current:
620 mA
Typical Voltage:
5 V

Environmental

Low Operating Temperature:
-20 C
High Operating Temperature:
70 C
Environmental Misc.:
Optional Temperature: -40 to 85°C (-40 to 175°F)

Pricing
VSX-6127-V2
Vortex86SX 3.5" SBC with 128MB DDR2 & cables
$246.00
Parent Product:

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