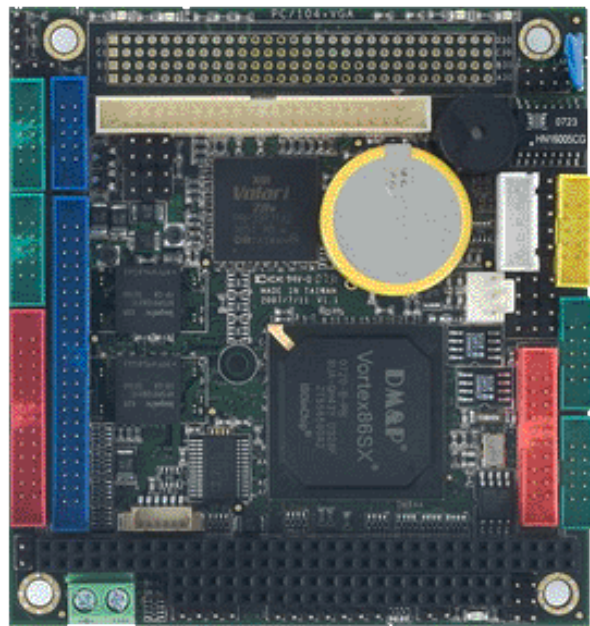


VDX-6350



CPU: Fanless Vortex 486 class 86DX running at 800MHz

256MB or 512MB of on-board DDR2 RAM

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

10/100 Base-T Ethernet

2 x USB Ports, 4 x Serial Ports

Supports PC/104

(Optional) Industrial Temp -40 to 85°C

(Optional) PCI-104

(Optional) 44-pin IDE to Micro SD

For Customers needing video please see the VDX-6354D

The VDX-6350DE PC/104 Module utilizes an onboard Vortex86DX Fanless 800MHz processor built for Low Power Consumption. The processor is highly integrated so that it reduces the price of any board utilizing this processor. Unlike other PC/104 SBCs the VDX-6350DE maintains the true PC/104 standard form-factor and does not require “wings”. The VDX-6350 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 and Linux. The VDX-6350DE can run at temperatures of -20 ° C (-4° F) to 70° C (158° F), -40°C ~ +85°C (Optional). The numerous features provide an ideal price/performance solution for commercial and industrial applications where stability and reliability (no moving parts) are essential. For Customers needing video please see the VDX-6354D

Specifications
SLC type.

486 Single Board Computers
Processor

Processor:

Vortex86DX Fanless 486 class

Clock Speed:

800 MHz

Real Time Clock:

Processor Misc.:

L1:16K I-Cache, 16K D-Cache L2 Cache 128KB

Real Time Clock with Lithium Battery Backup

Memory
BIOS/Bootloader:

AMI BIOS

Secondary Flash:

On-board 4MB SPI Flash Chip (DOS can boot & run from the on-board SPI Flash)

Memory Misc.:

Optional Memory: 256MB DDR2

(Optional) 44-pin IDE to Micro SD

Primary I/O
Disk Interface:

1x Ultra DMA 100/66/33 which supports 2 IDE Drives

Video Out:

n/a

Audio:

on-board CM119 USB Audio Controller with Mic-In/Line-In/Line-Out

Ethernet:

10/100 Base-T Ethernet

USB:

2x USB 2.0

Serial Ports:

3x RS-232

1x RS-232/422/485

1x Parallel SPP/EPP/ECP

Watchdog:

Primary I/O Misc.:

Watchdog Timer

Software programmable from 30.5? sec.to 512 sec. x 2 sets (Watchdog 1 fully compatible with M6117D)

Secondary I/O
Timers/Counters/ PWM:

16~24 channels of PWN

LPT Port:

Keypad:

PS/2:

Expansion
Bus Misc.:

Optional Bus : PC/104+

Analog

A/D:

D/A:

Dimensions
Dimensions:

3.54 × 3.77 in

Weight:

77 g

Form Factor:

PC/104

Power Requirements
Typical Current:

740 mA

Typical Voltage:

5 V

Environmental
Low Operating Temperature:

-20 C

High Operating Temperature:

70 C

Environmental Misc.:

Optional Temperature: -40 to 85°C

Pricing
V_{LDX-6350}DE

Vortex86DX 800MHZ 256MB PC/104 LAN

\$231.00

Parent Product:

Source URL: <https://www.emacinc.com/content/vdx-6350>