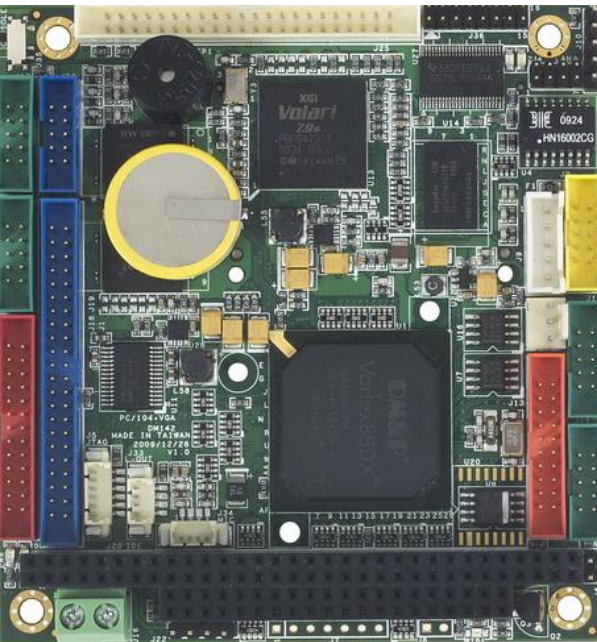


VDX-6353



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

256 / 512 MB 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, 1 x Parallel Port

Compact Flash type I/II Socket

Optional Audio

Optional 44-pin IDE to Micro SD

The VDX-6353 is a small footprint, low power, low cost Single Board Computer(SBC) with PC/104 expansion. The VDX-6353 PC/104 module is designed to provide a migration path for products facing end-of-life challenges. The VDX-6353 module is designed as a plug in replacement, with backward compatibility to support legacy software to help extend existing product life cycle without heavy re-engineering. VDX-6353 is suitable for broad range of data-acquisition, Industrial automation, Process control, Automotive controller, AVL, Intelligent Vehicle Management device, Medical device, Human Machine Interface, Robotics, and machinery control. **Flash Disk not included**

Specifications

SLC type.

486 Single Board Computers

Processor

Vortex86DX Fanless

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

Primary Flash:
Compact Flash Type I/II
Secondary Flash:
On-board 4MB SPI Flash Chip (DOS can boot & run from the on-board SPI Flash)

Memory Misc.:
Optional Memory: 256MB DDR2

Primary I/O
GPIO:
1x 16 bit General Purpose I/O

Disk Interface:
1x Ultra DMA 100/66/33

Video Out:
CRT/LCD LVDS 32MB

Audio:
(Optional) on-board CM119 USB Audio Controller

Ethernet:
10/100 Base-T Ethernet

USB:
2x USB 2.0

Serial Ports:
3x RS-232
1x RS-232/422/485

Watchdog:
Primary I/O Misc.:
Optional Audio: On-board CM119 USB Audio Controller

Secondary I/O
Timers/ Counters/ PWM:
16 ~ 24 Channels

LPT Port:
Keypad:
PS/2:

Analog on
A/D:
D/A:

Dimensions
Dimensions:
3.54 × 3.77 in

Form Factor:

PC/104

Power Requirements
Typical Current:

580 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
VLA-6353D

VDX-6353RD Vortex86DX 800MHZ, 256MB, IDE, 4MB onboard flash, 4x COM, LPT, 2x USB2, LAN, PC/104, VGA/TFT/LVDS

\$273.00

Parent Product:

VDX-6353D-512

VDX-6353RD-512, Vortex86DX 800MHZ, 512MB, IDE, 4MB onboard flash, 4x COM, LPT, 2x USB2, LAN, PC/104, VGA/TFT/LVDS

\$326.00

Parent Product:

VDX-6353D-AU

VDX-6353RD-AU, Vortex86DX 800MHZ, 256MB, IDE, 4MB onboard flash, 4x COM, LPT, 2x USB2, LAN, PC/104, VGA/TFT/LVDS,

Audio

\$241.00

Parent Product:

Source URL: <https://www.emacinc.com/content/vdx-6353>