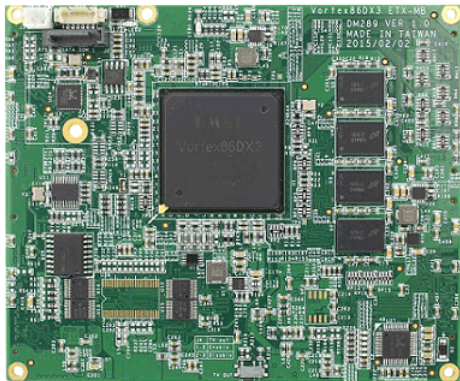


SOM-VDX3-ETX



DM&P SoC CPU Vortex86DX3 1000Mhz

Up to 2GB DDR3 Memory Onboard

ETX, PCI and ISA Connections

IDE or LPT interface option.

10/100 Ethernet, with Gigabit option

VGA and TFT/LVDS Flat Panel Interface Support

2x Serial ports

4x USB 2.0 Ports

Single Voltage +5V@1200mA. Typical.

Operating temperature

- -20? ~ +70?
- -40? ~ +85? (Optional)

Dimensions 95mm x 114mm (3.7 x 4.5 inches)

Connectors:

- SATA, 7P Connector x1, 2P connector for SATA power x 1. 1000Mbps Ethernet, 10P Connector x 1
- X1: PCI, Audio, USBx4
- X2: ISA X3: VGA,LVDS,PS/2, COMx2
- X4: P_IDE, LAN, I2C (Optional: Printer & TV-out on X2)

The VDX3-ETX is a low-power CPU module which compliant with ETX standard. It takes the advantage of Vortex86DX 1GHz x86 CPU which integrate the PCIe, IDE, I2C, VGA, LVDS,PS/2, USB, HD Audio and even with 16-bit ISA bus support.

The VDX3-ETX 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

Specifications

SOM Type:

PC-Comaptible ETX Modules

Processor

DM&P Vortex86DX3

Clock Speed:

1 GHz

Real Time Clock:

Memory

BIOS/ Bootloader:

AMI BIOS

Primary Flash:

8MB Onboard SPI flash Disk

Secondary Flash:

Compact flash & SATA SSD DOM

Memory Misc.:

512MB/1GB/2GB DDR3 Memory Onboard

Primary I/O

Disk interface:

IDE

SATA

Video Out:

VGA

LVDS

Audio:

ALC262 (HD Audio)

Ethernet:

Realtek 8111F 10/100 or 10/100/1000Mbps Ethernet

USB:

4x USB 2.0

Serial Ports:

2x Serial Ports

I2C:

I²C port

Watchdog:

Secondary I/O

LED port:

Keypad:

PS/2:

Analog on

A/D:

Dimensions

Dimensions:

4.5 × 3.7 in

Weight:

110 g

Dimensions Misc.:

114 X 95mm (4.5" x 3.7")

Power Requirements
Voltage:

5 V

Typical Current:

1.2 A

Environmental
Low Operating Temperature:

-20 C

High Operating Temperature:

70 C

Environmental Misc.:

-20°C ~ +70°C -40°C ~ +85°C (Optional)

Pricing
VLAJ-ETX-53IS

SOM-ETX-531S, VDX3 CPU 1GHz, 512MB DDR3, IDE, 2x COM, 4x USB2, LAN, HD Audio, LVDS, VGA -20? ~ +70?

\$172.00

Stock

Order:

0

Parent Product:

SOM-VDX3-ETX

Base Product:

SOM-VDX3-ETX

VDX3-ETX-741E

SOM-ETX-741E, VDX3 CPU 1GHz, 1GB DDR3, IDE, 2x COM, 4x USB2, LAN, HD Audio, LVDS, VGA -20? ~ +70?

\$238.00

Stock

Order:

0

Parent Product:

SOM-VDX3-ETX

Base Product:

SOM-VDX3-ETX

VDX3-ETX-741E-H

SOM-ETX-741E-H, VDX3 CPU 1GHz, 1GB DDR3, IDE, SATA, 2x COM, 4x USB2, LAN, HD Audio, LVDS, VGA -20? ~ +70?

\$238.00

Order:

0

Parent Product:

SOM-VDX3-ETX

Base Product:

SOM-VDX3-ETX

VDX3-ETX-751E

SOM-ETX-751E, VDX3 CPU 1GHz, 2GB DDR3, IDE, 2x COM, 4x USB2, LAN, HD Audio, LVDS, VGA -20? ~ +70?

\$272.00

Order:

0

Parent Product:

SOM-VDX3-ETX

Base Product:

SOM-VDX3-ETX

VDX3-ETX-75IE-H

SOM-ETX-751E-H, VDX3 CPU 1GHz, 1GB DDR3, IDE, SATA, 2x COM, 4x USB2, LAN, HD Audio, LVDS, VGA -20? ~ +70?

\$272.00

Order:

0

Parent Product:

SOM-VDX3-ETX

Base Product:

SOM-VDX3-ETX

Non-Stock NCNR:

0

Source URL: <https://www.emacinc.com/content/som-vdx3-etx>