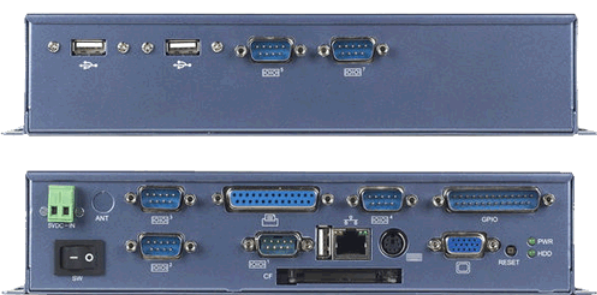


SIB-EB8DX



Vortex86DX 800MHz CPU

VDX-6328RD Board

256MB DDR2 (512MB Optional)

4x RS232 (1x RS232/422/485)

1x LPT Parallel Port

3x USB 2.0 Ports

1x 10/100 Ethernet

4MB SPI Flash Onboard

Compact Flash Type I/II

44-pin IDE to MicroSD (Optional)

16 GPIO (via DB25F connector)

VGA/LCD/LVDS

PWM 16-24 Channels

Watchdog Timer

102 x 146mm (4.01" x 5.75")

Single Voltage +5V @ 840mA

Wide Temperature

-20°C - +70°C

-40°C ~ +85° (Optional)

The EMAC Vortex Server-In-a-Box (SIB), is a low cost, small footprint, yet powerful Server. The Vortex SIB utilizes the Vortex86DX 6328RD, 800MHz fanless processor allowing it to run several Operating Systems. Like all SIBs, the Vortex SIB has no moving parts and features a rugged enclosure design making it an ideal choice for most industrial applications. The Vortex SIB is just as comfortable in a basement wiring closet as it is on a desktop. The Vortex SIB is suitable for broad range of data-acquisition, Industrial automation, Process control, Automotive controller, AVL, Intelligent Vehicle management device, Medical device, Human machine interface, etc. Purchase a EMAC SIB and you should be up, running and building applications the first day.

Specifications

Processor:

Vortex86DX

Clock Speed:

800 MHz

Real Time Clock:

Memory

RAM type:

256/512 MB DDR2

BIOS/ Bootloader:

AMI BIOS

Primary Flash:

Compact Flash Type I/II

Secondary Flash:

4 MB SPI Onboard

Primary I/O

GPIO:

16x GPIO

Video Out:

VGA/LCD/LVDS

Audio:

CM119 USB Audio Controller

Ethernet:

1x 10/100 Ethernet

USB:

3x USB 2.0 Ports

Serial Ports:

4x RS-232 (1xRS-232/422/485)

Watchdog:

Secondary I/O

Timers/ Counters/ PWM:

PWM 16-24 Channel

LPT Port:

Keypad:

PS/2:

Expansion

Bus:

PCI-104+ Standard Compliant

Analog

A/D:

D/A:

Dimensions

6 × 10 × 2.25 in

Weight:

150 g

Power Requirements

5 V

Typical Current:

840 mA

Environmental

Low Operating Temperature:

-20 C

High Operating Temperature:

70 C

Environmental Misc.:

-40°C ~ +85°C (Optional)

Pricing

SIB-EB8DX-001-R

EB-208 + VDX-6328RD-NF, 3.5" SBC Chassis+SBC

\$385.00

Order:

0

Parent Product:

SIB-EB8DX-001-X

EB-208 + VDX-6328RD-NF-X, 3.5" SBC Chassis+SBC (-40°C to 80°C Option)

\$318.00

Order:

0

Parent Product:

Power Supply:

Single Voltage +5V @840mA

Disk Interface:

1x EIDE

Compact flash

Wireless:

Optional

Source URL: <https://www.emacinc.com/content/sib-eb8dx>