

[illegible]

Watchdog Timer

Low Power

102 x 144mm (4.01" x 5.67")

Single Voltage +5V @ 900mA

Wide Temperature

-20°C - +70°C

The EMAC Vortex Server-In-a-Box (SIB), is a low cost, small footprint, yet powerful Server. The Vortex SIB utilizes the Vortex86DX 6326RD, 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:

DDR2

BIOS/ Bootloader:

AMI BIOS

Primary Flash:

Compact Flash Type I/II

Secondary Flash:

4MB SPI Onboard

Primary I/O

GPIO:

16x GPIO

Video Out:

VGA/LCD/LVDS

Audio:

CM119 USB Audio Controller

Ethernet:

3x 10/100 Mbps Ethernet

USB:

3x USB 2.0

Serial Ports:

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

Watchdog:

Secondary I/O

Timers/ Counters/ PWM:

PWM 16-24 Channel

LPT Port:

Keypad:

PS/2:

Expansion

Bus:

PC/104+

Mini-PCI

Analog
A/D.

D/A:

Dimensions
Dimensions.

6 × 10 × 2.25 in

Weight:

150 g

Power Requirements
Voltage.

5 V

Typical Current:

900 mA

Environmental
Low Operating Temperature:

-20 C

High Operating Temperature:

70 C

Pricing
SIB-EB6DX-000-R

EB-206 + VDX-6326RD, 3.5" SBC Chassis + SBC

\$293.00

Order:

0

Parent Product:

SIB-EB6DX-000-X

EB-206 + VDX-6326RD-X, 3.5" SBC Chassis + SBC (-40°C to 80°C Option)

\$318.00

Order:

0

Parent Product:

Power Supply:

Optional Power Supply 5V@ 900mA

Disk Interface:

IDE

Wireless:

Optional

Source URL: <https://www.emacinc.com/content/sib-eb6dx>