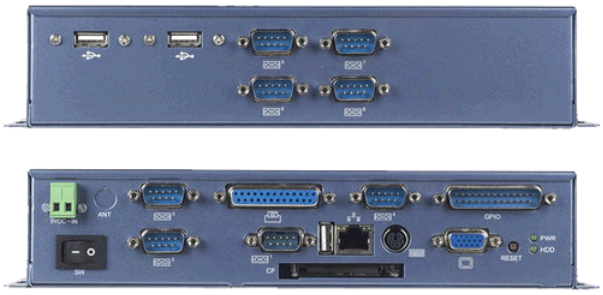
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SIB-EB7DX



Vortex86DX 800MHz

VDX-6327RD

256MB DDR2 (512MB Optional)

8x RS232 (1x RS232/422/485)

1x LPT Parallel port

3x USB 2.0 Ports

1x 10/100 Ethernet

16 GPIO (via DB25F connector)

4MB SPI Flash Onboard

Compact Flash Type I/II

44-pin IDE to MicroSD (Optional)

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 6327RD, 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:
4 MB SPI Onboard

Primary I/O

GPIO:
16x GPIO
Video Out:
VGA/LCD/LVDS
Ethernet:
1x 10/100 Ethernet
USB:
3x USB 2.0 Ports
Serial Ports:
8x RS-232 Ports (1x RS-232/422/485 Port)
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

Dimensions:
6 × 10 × 2.25 in
Weight:
150 g

Power Requirements

Voltage:
5 V
Typical Current:
840 mA

Environmental

Low Operating Temperature:
-20 C
High Operating Temperature:
70 C
Environmental Misc.:
-40°C ~ +85° (Optional)

Pricing

SIB-EB7DX-000-R
EB-207 + VDX-6327RD-256MB, 3.5" SBC Chassis+SBC
$271.00
Order:
0
Parent Product:

SIB-EB7DX-000-X
EB-207 + VDX-6327RD-256MB-X, 3.5" SBC Chassis+SBC (-40°C to 80°C Option)
$298.00
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-eb7dx