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Vortex Server-In-a-Box (SIB)



800MHz Vortex86DX System-On-Chip

10/100BaseT Ethernet

5 Serial RS232 ports

3 USB 2.0 (Full Speed) Host ports

Parallel port

512 MB of DDR2 (Optional)

VGA, TFT/LVDS LCD support up to 1280x1024 resolution

16-bit GPIO

Battery backed Real Time Clock

4GB CF Card

Onboard 4MB SPI Flash

2 watchdog timer

Extremely Reliable (No Moving Parts)

The EMAC Vortex Server-In-a-Box (SIB), is a low cost, small footprint, yet powerful Server. The Vortex SIB utilizes the Vortex86DX, 800MHz fanless processor allowing it to run Linux and WinCE 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. Click Here for more information on EMAC's Linux for SIP.

Specifications Processor.

vortex86DA System-On-Chip
Clock Speed:
800 MHz
Real Time Clock:
Memory Raivi i ype.
DDR2
Primary Flash:
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onboard 4MB SPI Flash
Memory Misc.:
Flash: 4GB CF Card
Primary I/O
6-bit GPIO
Video Out:
VGA
FFT/LVDS LCD 1280x1024
Ethernet:
0/100BaseT Ethernet
USB:
3x USB
Serial Ports:
5x RS-232
x Parallel
Watchdog:
Secondary I/O
Keypad:
PS/2:
Expansion Bus.
PC/104+
Analog
A.D.
D/A:
Dimensions
Dimensions Dimensions.
$2 \times 10 \times 5.75$ in
Weight:
270 g
Dimensions Misc.:
Mounting: Desk/Wall mount
<i>5 9</i>
Power Requirements
340 mA
Гуріcal Voltage:
5 V
Environmental Low Operating Temperature:
20 " Operaning Temperanic.
20 C

Pricing	
Vortex86DX 3.5" CPU Module with 256MB DDR2	
\$340.00	
Parent Product:	
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High Operating Temperature:

70 C