

Server In a Box SIB-104

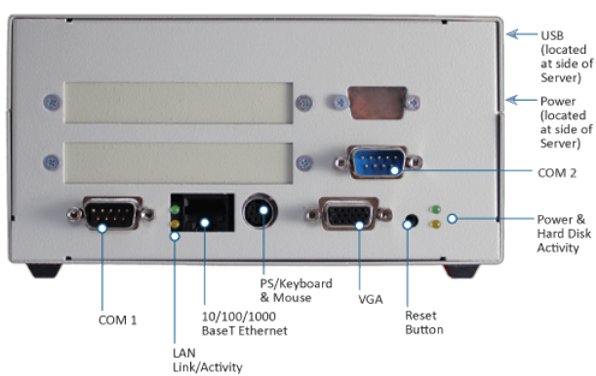


Image not found
file:///var/www/html/emacinc-com/sites/default/files/EMAC%20OEM%20LOGO-web-opt_1.png

256 MB DDR RAM Expandable to 1GB

4GB Compact Flash Drive Expandable to over 32GB

Analog SVGA Video with 2D/3D graphic & MPEG4 decoding

10/100 Base-T Ethernet

Three RS-232 & One RS-232/485 Serial Port

One Parallel port supports SPP/EPP/ECP

Two USB Host ports, USB 2.0 compliant

Eight General Purpose I/O lines configurable as Input or Output

ISA bus expansion with onboard PC/104 connector

Space to accommodate up to two PC/104 modules

Extremely Reliable (No Moving Parts)

30 Watt Seperate Brick Power Supply & Enclosure

The EMAC Server-In-a-Box/104 (SIB/104) and Deluxe SIB/104 are powerful servers with a small footprint and low cost. These SIBs utilizes the AMD Geode LX800, 500MHz fanless processor allowing it to run Linux, WinCE and XPE Operating Systems. Like all SIBs, the SIB/104 have no moving parts and feature a rugged enclosure design making it an ideal choice for most industrial applications. The SIB/104 and Deluxe SIB/104 are just as comfortable in a basement wiring closet as on a desktop. Purchase an EMAC SIB/104 and you should be up, running and building applications the first day. [Click Here](#) for more information on EMAC's Linux for SIBs. [Click Here](#) for more information on EMAC's XPE for SIBs.

Specifications

Processor:

AMD Geode LX800

Clock Speed:

500 MHz

Real Time Clock:

Memory

Memory in Use:

RAM:

- 256 MB DDR RAM Expandable to 1GB (Standard)
- 512 MB DDR RAM Expandable to 1GB (Deluxe)

Flash: 4GB Compact Flash Drive Expandable to over 32GB

Primary I/O

GPIO:

8x GPIO

Video Out:

Analog SVGA Video with 2D/3D graphic & MPEG4 decoding

Ethernet:

10/100 Base-T Ethernet

USB:

2x USB 2.0

Serial Ports:

3x RS-232

1x RS-232/485

1x Parallel SPP/EPP/ECF

Watchdog:

Primary I/O Misc.:

Ethernet:

- 10/100 Base-T Ethernet (Standard)
- Dual 10/100 Base-T Ethernet (Deluxe)

Internal Hard Drive (Optional)

LVDS LCD video output (Optional)

Two additional USB 2.0 Host ports (Optional)

Secondary I/O

Keyboard:

PS/2:

Secondary I/O Misc.:

Integrated 60 Watt Power Supply (Optional)

Expansion

ISA bus expansion with onboard PC/104 connector

Bus Misc.:

PC/104

Space to accommodate up to two PC/104 modules

PC/104

Space to accommodate up to two PC/104 modules

Analog

D/A:

Dimensions

2.75 × 6.53 × 4.45 in

Weight:

2 lb

Dimensions Misc.:

Mounting: Desk/Wall mount

Power Requirements
Voltage:

5 V

Typical Voltage:

5 V

Power Misc.:

Power Supply: 30 Watt Seperate Brick Power Supply & Enclosure

Power Requirements:

- Maximum: +5 V @ 1.2 A, +12 V @ 0.23A
- Typical: +5 V @ 0.6 A, +12 V @ 0.03A

Environmental
Environmental Misc.:

Operating Temperature: 0 ~ 60° C (32 ~ 140° F)

Wide Temp Version: -4° to 176° F (-20° to 80° C)

Operating Humidity: 10% ~ 90% Relative Humidity, non condensing

Pricing
SIB-00010

LINUX SIB/104 W/30W PS

\$455.00

Parent Product:

SIB-00210

WES09 SIB/104 W/30W PS

\$575.00

Parent Product:

SIB-02010

DELUXE LINUX SIB/104 W/30W PS

\$515.00

Parent Product:

SIB-02210

DELUXE WES09 SIB/104 W/30W PS

\$635.00

Parent Product:

Power Supply:

30 Watt Seperate Brick Power Supply (Included)

Power Adapters:

PER-ADP-00014

RJ45 Adapter for Dual LAN

\$50.00

Wireless:

USB Wireless 802.11g LAN (Optional)

Source URL: <https://www.emacinc.com/content/server-box-sib-104>