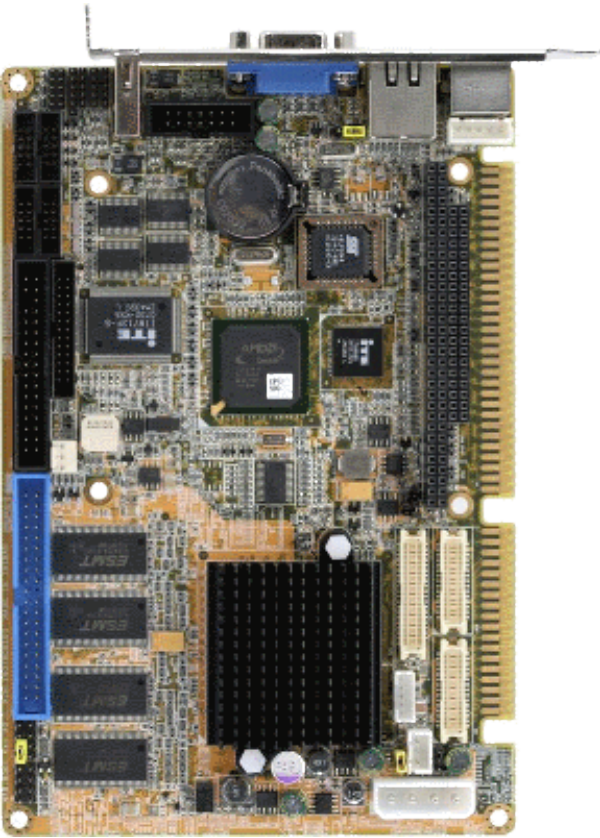


HSB-800I



Low Power Fanless LX800 500 MHz Processor

Integrated 2D/3D Graphic Accelerator

4 USB 2.0 Ports

On board 10/100Mbps Ethernet with optional 1000 Mbps Ethernet

Supports Compact Flash (SSD)

4 Serial Ports

AC97 Audio

General Purpose Digital I/O

ISA & PC/104 Expansion Connectors

The HSB-800I is an economic half-size ISA Single Board Computer (SBC) based on the AMD LX800 processor with a LVDS/TTL VGA controller and an optional 1000 Base-T Ethernet interface. The HSB-800I achieves outstanding performance and low power consumption. Onboard features include four serial ports (three RS-232, & one RS-232/422/485), one multi-mode parallel (ECP/EPP/SPP) port, four USB (Universal Serial Bus) ports, a floppy drive controller, and a PS/2 keyboard/ mouse interface. HSB-800I supports 128MB of onboard DDR400 system memory and the chipset used on the HSB-800I is the AMD +CS5536 which supports USB 2.0. Video is provide by an integrated VGA controller in the AMD LX 800 processor that supports CRT and LVDS simultaneous display. Moreover, 2D/3D graphics accelerator has been integrated to provide higher performance for graphic processing. The LCD interface is up to 24-bit and supports both LVDS and TTL LCD. HSB-800I targets the common industrial applications include factory automation systems and production process control devices. If you are looking for a cost-effective and reliable solution for your essential application, HSB-800I definitely is your first

choice. **Flash Disk not included.**

Specifications

SLC type.

Single Board Computers < 1 GHz

Processor

Processor.

AMD LX800

Clock Speed:

500 MHz

Real Time Clock:

Processor Misc.:

Chipset: AMD LX 800 + CS5536

Memory

BIOS/ Bootloader:

Award Plug & Play FWH BIOS - 8 Mb ROM

Memory Misc.:

FDD interface: Supports a Standard FDD port

Primary I/O

GPIO.

4x inputs

4x outputs

Disk Interface:

FDD

Enhanced IDE (UDMA 33)

Video Out:

CX5536 CRT/LCD

Audio:

Realtek ALC203 Mic-in/Line-in/Line-out

CD in with AC97 compliant interface

Ethernet:

IEEE 802.3u 10/100BASE-T Fast Ethernet compatible with on-board RJ-45 connectors

USB:

4x USB 2.0

Serial Ports:

3x RS232

1x RS232/485

1x Parallel SPP/EPP/ECP

Watchdog:

Primary I/O Misc.:

Optional Ethernet: Realtek 8100C/8110S controller or Gigabyte LAN

Secondary I/O

LF 1 Port.

Keypad:

PS/2:

Analog on

A/D.

D/A:

Dimensions

Dimensions.

7.3 × 4.8 in

Weight:

0.71 lb

Form Factor:

Half Size ISA Card

Power Requirements
Typical Voltage:

5 V

Power Misc.:

Power supply Voltage:+5V & +12V AT,

Environmental
Low Operating Temperature:

0 C

High Operating Temperature:

60 C

Pricing
HSB-800I-VG

Half-Size ISA/LX800/VGA/GLAN/4x USB/4x COM

\$318.00

HSB-800I-0

Half-Size ISA/LX800/VGA/10/100 LAN/4 USB/4 COM

\$308.00

Source URL: <https://www.emacinc.com/content/hsb-800i>