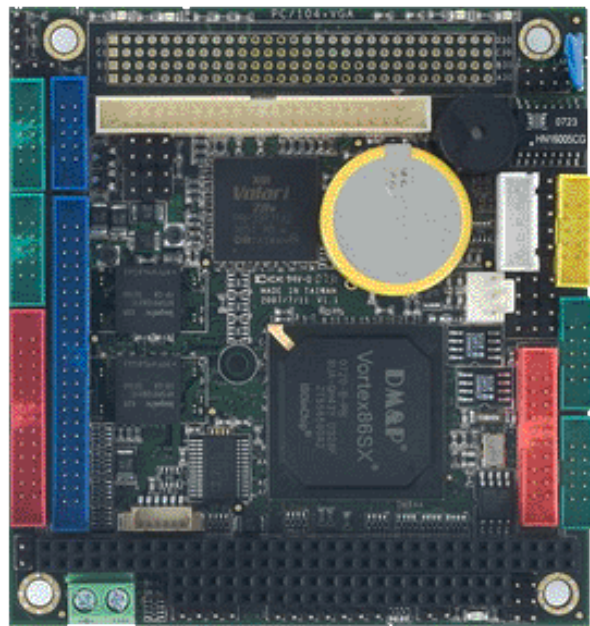


VSX-6154



CPU: Fanless Vortex 486 class 86SX running at 300MHz

128MB of on-board DDR2 RAM

Extended Temperature Range -20 ° C (-4° F) to 70° C (158° F)

10/100 Base-T Ethernet

2 x USB Ports, 4 x Serial Ports

Supports PC/104 and Optional PC/104+ Interface

The VSX-6154 utilizes an onboard Vortex86SX Fanless 300MHz processor built for Ultra Low Power Consumption. The processor is highly integrated so that it reduces the price of any board utilizing this processor.. Unlike other PC/104 SBCs the VSX-6154 maintains the true PC/104 standard form-factor and does not require “wings”. The VSX-6154 is available with an optional PC/104+ bus which allows it to access higher end PCI bus based modules. The VSX-6154 has a fully static 32-bit X86 processor and is PC compatible allowing it to run most popular 32-bit Operating Systems such as Windows and Linux. The Video Chip features 32 MB onboard video memory supporting Analog VGA monitors and TFT Flat panel interfaces and has a resolution of up to 1280x1024 @ 16M colors. In addition to video, two USB 2.0 ports are available as well as one Parallel port (SPP/EPP/ECP modes), an UltraDMA – 100/66/3 EIDE port (which supports up to 2 IDE devices) and three RS-232 and one RS-232/422/485 serial ports. The VSX-6154 can run at temperatures of -20 ° C (-4° F) to 70° C (158° F). The numerous features provide an ideal price/performance solution for commercial and industrial applications where stability and reliability (no moving parts) are essential. **Flash Disk not included.**

Specifications

SLC type.

486 Single Board Computers

Processor

Vortex86SX 486 class Fanless

Clock Speed:

300 MHz

Real Time Clock:

Processor Misc.:

L1 Cache: 16K I-Cache, 16K D-Cache

Memory
BIOS/ Bootloader:

AMI BIOS

Memory Misc.:

Flash: EmbedDisk and on-board 2MB SPI Flash Chip (DOS can be boot & ran from the on-board SPI Flash)

Primary I/O
GPIO:

1x 16bit General Purpose I/O

Disk Interface:

1x Ultra DMA 100/66/33 which supports 2x IDE Drives

Video Out:

CRT/LCD 32MB

Ethernet:

10/100 Base-T Ethernet

USB:

2x USB 2.0

Serial Ports:

3x RS-232

1x RS-232/422/485

1x Parallel SPP/EPP/ECP

Watchdog:

Secondary I/O
LPC for:

Keypad:

PS/2:

Expansion
Bus misc.:

Optional Bus: PC/104+

Analog
A/D:

D/A:

Dimensions
Dimensions:

3.54 × 3.77 in

Form Factor:

PC/104

Power Requirements
Typical Current:

580 mA

Typical Voltage:

5 V

Environmental
Low Operating Temperature:

-20 C

High Operating Temperature:

70 C

Environmental Misc.:

Optional Temperature:-40 to 85°C

VJA-6154P

Vortex86SX 300MHZ 128MB PC/104 VGA/LAN/

Build to Order

\$197.00

Parent Product:

VSX-6154P-X

Vortex86SX 300MHZ 128MB PC/104+ -40 TO 85°C

Non-Stock

\$228.00

Parent Product:

VSX-6154

Vortex86SX 300MHZ 128MB PC/104 VGA/LAN/

\$199.00

Parent Product:

Source URL: <https://www.emacinc.com/content/vsx-6154>