

Ruggedized 1U System with VIA C3 Mini-ITX Mainboard, 10/100 Ethernet, Integrated AGP 2x Video with TV-Out and Audio

Heavy-duty 1U embedded chassis

Bracket for slim 2.5" HDD
PCI riser card for additional devices

VIA C3 Mini-ITX mainboard
Heavy-duty 150W 1U power supply

Installed ready slim 24X CDROM

USB ports for additional external peripherals



Introduction

The WEBSTER-E101 is a rugged yet incredibly small server solution for any multimedia application. A VIA C3 Mini-ITX Mainboard using either a 800MHz or 1GHz embedded processor is the processing power behind the WEBSTER-E101. The Video functions of the WEBSTER-E101 include 2D/3D Graphics Acceleration, DVD Motion Compensation, and TV-Out Functions all supported by the VIA Apollo PLE133 Chipset. On-board 10/100 LAN, 4 USB 1.1 ports, expandable system memory up to 1GB, and (1) PCI Slot for expansion comes standard with the Motherboard. The Chassis measures only 8.75 inches deep, supports (1) Slim CD-ROM or DVDROM (1) 2.5" HDD, and has a 150W PSU. The WEBSTER-E101 is the ideal solution when cost, space and flexibility are needed to see your project through to production!

Features

- VIA C3 Processor 800 MHz/ 1 GHz for multimedia rich applications with ultra compact 1U embedded chassis.
- Chipset integrated AGP 2X with 2D/3D Acceleration and DVD Motion Compensation, Accompanied by on-board AC' 97 Compatible Audio, on-board 10/100 LAN and TV-Out.
- Heavy-duty 1U 150 Watt PSU.
- Low cost solution for an unlimited variety of applications to include Video Servers, Set Top Box, Kiosk, or POS.

Main Specifications

System Board Processor

VIA C3 Embedded Processor core 800 MHz/ 1 GHz. Cache memory contains L1 128 KB and L2 64 KB.

Chipset

VIA Apollo PLE133 chipset. Built-in Trident Blade 3D 2x AGP graphics core, supports system memory, VGA, panel Interface and peripherals devices control.

System Memory

Two 168 pin sockets for PC133/100 up to 1 GB SDRAM. 256MB SDRAM installed.

Display

Integrated AGP2X with 2D/3D graphics acceleration supports motion compensation for DVD playback and provides DVI interface for video overlay function.

IDE

Supports dual channel ATA 100/66 IDE.

Ethernet

VIA 10/100 Ethernet with one RJ-45 LAN port.

Audio

AC'97 compatible function, supports line-in/out and mic-in.

Expansion

Supports one 32 bit 33 MHz PCI slot for PCI card expansion.

I/O Ports

- 3 Audio Jacks - Line-out, Mic-in and Line-in
- 4 USB ports (two USB ports located at rear side)
- 1 EPP/ECP parallel port
- 1 16C550 compatible serial port
- 2 External PS/2 Compatible Keyboard /Mouse ports
- 2 TV output ports (S-Video or optional RCA TV out)
- 1 RJ-45 LAN port

Chassis Construction

Heavy-duty steel

Drive Bays

One drive bay for CDR/DVD (used) and one drive bay for 2.5" HDD to store system OS and back up data.

Dimensions

430 x 222 x 44 (W x D x H) mm.

Gross Weight

5.5 kg

Ordering Information

WEBSTER E-101	Ruggedized 1U System with VIA EPIA C3 Mini-ITX Mainboard
WEBSTER E-101V	Ruggedized 1U System with VIA EPIA-V10000 C3 Mini-ITX Mainboard

Technical Drawing

