ETX-EV133

Low Power Consumption VIA Eden ETX Module



LCD/CRT | 10/100Mbps LAN | USB 1.1 | Audio

Features

- *VIA Eden CPU at 1GHz, 800MHz, 667MHz and 400MHz*
- *Low power consumption, 10 watts*
- *Up to 512MB PC133 SDRAM*
- *AGP 2x, LVDS, IDE, Ethernet, 2 USB 1.0, 2S1P, AC97, KB/MS*
- *Serial Console, EEPROM CMOS backup, USB boot/legacy, PXE support*

Ordering Information

ETX-EV133-400	VIA Eden ETX Module with ESP4000
ETX-EV133-600	VIA Eden ETX Module with ESP6000
ETX-EV133-800	VIA Eden ETX Module with ESP8000
ETX-EV133-1000	VIA Eden ETX Module with ESP10K
HTS-EV133	Heatspreader with 2.5mm thread corner standoffs for ETX-EV133
ETX-Proto	ETX Prototype / Evaluation board

Specifications

Core

CPU	Embedded VIA Eden processor
	ESP4000 at 400MHz
	ESP6000 at 667MHz
	ESP8000 at 800MHz
	ESP10K at 1GHz
Chipset	VIA PLE133T with133 MHz FSB
Memory	SODIMM socket for up to 512MB of unbuffered non ECC PC-100/133 SDRAM
Cache	128KB L1/64KB L2 cache integrated with CPU
BIOS	Phoenix AWARD PnP 4Mb Flash with console redirection and CMOS EEPROM backup
Hardware Monitor	Supply voltages, CPU, and system temperature
Watchdog	Software programmable 1-255 sec, generates system reset
Expansion	16-bit ISA, 32-bit PCI 2.1

Multi I/O

HDD	Two EIDE channels with Ultra DMA-100 support
Serial	Two 16550 compatible ports (COM1/COM2) and IrDA
Parallel	Single port, LPT1
USB	Four ports USB v1.1

Audio

Type	AC'97 interface (built-in VIA 82C686) and onboard codec

Video

Type	Trident Blade 3D SVGA controller (VT8601T) with up to 8MB (UMA) video memory supports CRT and 85MHz single channel LVDS for 18-bit LCD
Resolution	1280 x 1024 on CRT and 1024 x 768 on LCD

Ethernet

Chipset	RTL 8139CL+
Type	IEEE 802.3u 100BASE-T Fast Ethernet with PXE boot ROM support

Mechanical and Environmental

Form Factor	ETX
Dimensions	95 x 114mm (3.7" x 4.5")
Operating Temp.	0 to 55˚C
Storage Temp.	-20 to 80˚C
Power Consumption	10 watts with ESP4000
Compliance	CE, FCC Class A

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