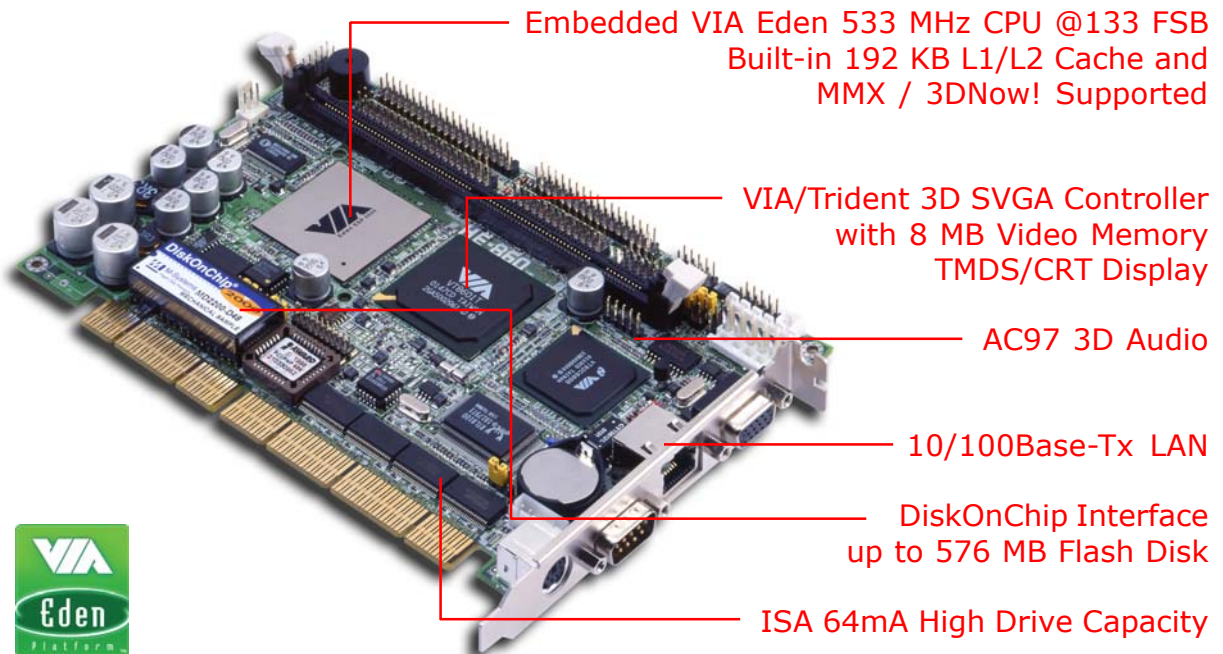


PISA Embedded 533 MHz

**Embedded VIA Eden 533 MHz CPU @ 133 MHz FSB
Integrated 3D SVGA, LAN, Audio and DOC Interfaces**



HE-860 Features

- Embedded VIA Eden Platform with 533 MHz CPU @ 133 MHz FSB Complete x86 Architecture with Ultra Low Power Consumption for Embedded, Low Power, Fan Free, Mobile Application
- CPU Built-in 192 KB L1/L2 Cache Memory and MMX / 3DNow! Support
- 512 MB PC133 SDRAM on One 168-pin DIMM Slot
- Flexible PISA Form Factor with Multiple PCI/ISA Expansibility
- All-in-one VGA, Audio, LAN Integration for Embedded Application
- Built-in 3D SVGA Controller with 8 MB Video Memory
- CompactFlash Interface for IDE-free Embedded Software Installation
- ISA 64mA High Drive Capacity for Multiple ISA-based Platform

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Embedded Single Board Computer



HE-860

**Half-size PISA-bus Embedded VIA Eden CPU Card
with Onboard VIA Embedded Eden 533 MHz CPU
3D SVGA, 10/100 Mbps LAN, AC97 3D Audio
DiskOnChip Interfaces and ISA 64mA High Drive Capacity**



Form Factor	Half-size PISA CPU Card / Slot PC Jumpetec PISA version 1.7 compliant
CPU	Onboard embedded VIA Eden ESP5000 CPU with 533 MHz / 133 MHz FSB Embedded ultra low power consumption for fan free applications Optional onboard VIA Eden 400/667 or EBGA C3 800 MHz for OEM
Memory	One 168-pin DIMM supports up to 512 MB PC100/133 SDRAM
Chipset	VIA PLT133 with VIA 8601T and 686B
BIOS	Phoenix-Award 2Mb PnP flash BIOS
Watchdog Timer	6-level generates NMI or system reset watchdog timer
Real Time Clock	VIA 686B integrated RTC with onboard lithium battery
ISA High Drive	ISA 64mA high drive capacity on both of address and data bus
PCI Enhanced IDE	Dual UltraATA/100 bus master IDE channels up to 4 ATAPI devices IDE2 supports +5V Vcc for additional DiskOnModule (DOM) flash disk
VGA Interface	VIA 8601T integrated Trident 3D SVGA controller with up to 8 MB of video memory shared with system memory
LAN Interface	10/100 Mbps LAN interfaces, IEEE802.3U compliant with RTL8100B
Audio Interface	AC97 3D audio interface with line-in, line-out, CD-in and Mic-in
Multi-I/O Port	2 x COM ports with 1 x RS-232 and 1 x RS-232/422/485 serial port 2 x USB ports with USB version 1.1 compliant 1 x SPP/EPP/ECP parallel port 1 x IrDA port supports SIR interface 1 x FDD port 1 x external PS/2 keyboard / mouse ports 1 x internal AT keyboard port
Solid State Disk	Onboard 32-pin DIP JEDEC DiskOnChip socket Flash memory capacity up to 576 MB with ECC/EDC data protection
Environment	Power Requirement: +5V, +12V, -12V DC Board Dimension (L x W): 185 x 127 mm Operation Temperature: 0 ~ 60°C (32 ~ 140°F)
Ordering Option	HE-860VL with onboard 533 MHz CPU, 3D SVGA, LAN Interfaces HE-860VXL Same as HE-860VL but with TMDS Digital Video Interfaces OEM Configuration : HE-860 with Eden 400/667 or EBGA C3 800 MHz CPU