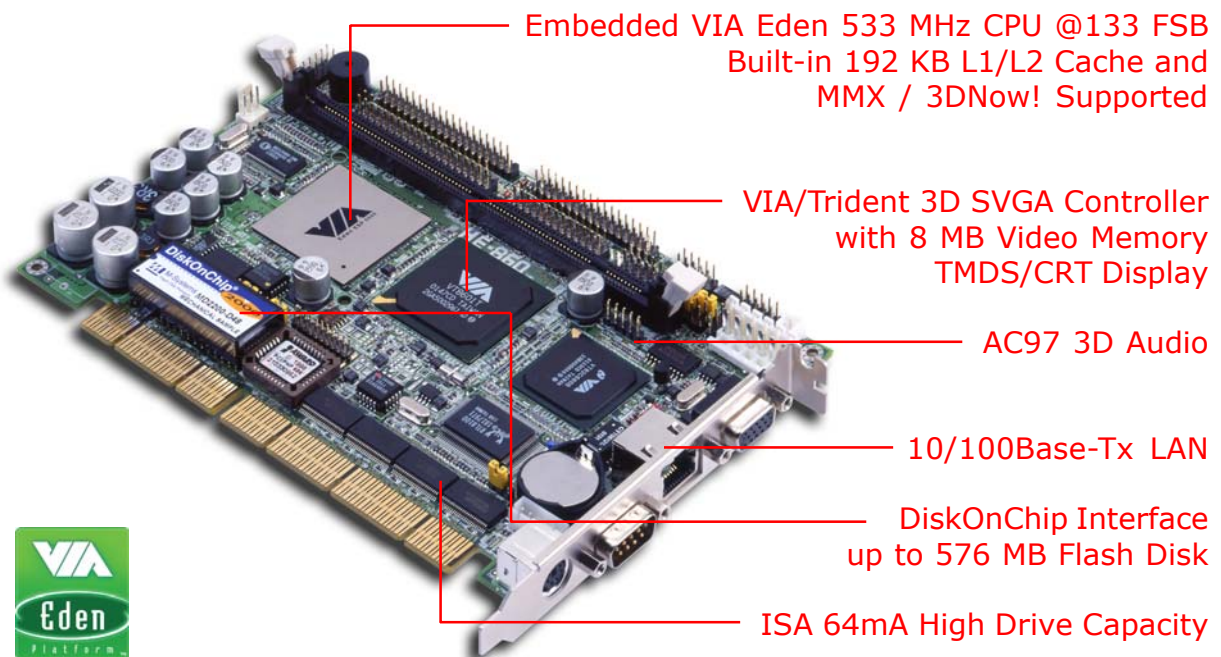


# PISA Embedded 533 MHz

**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**



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