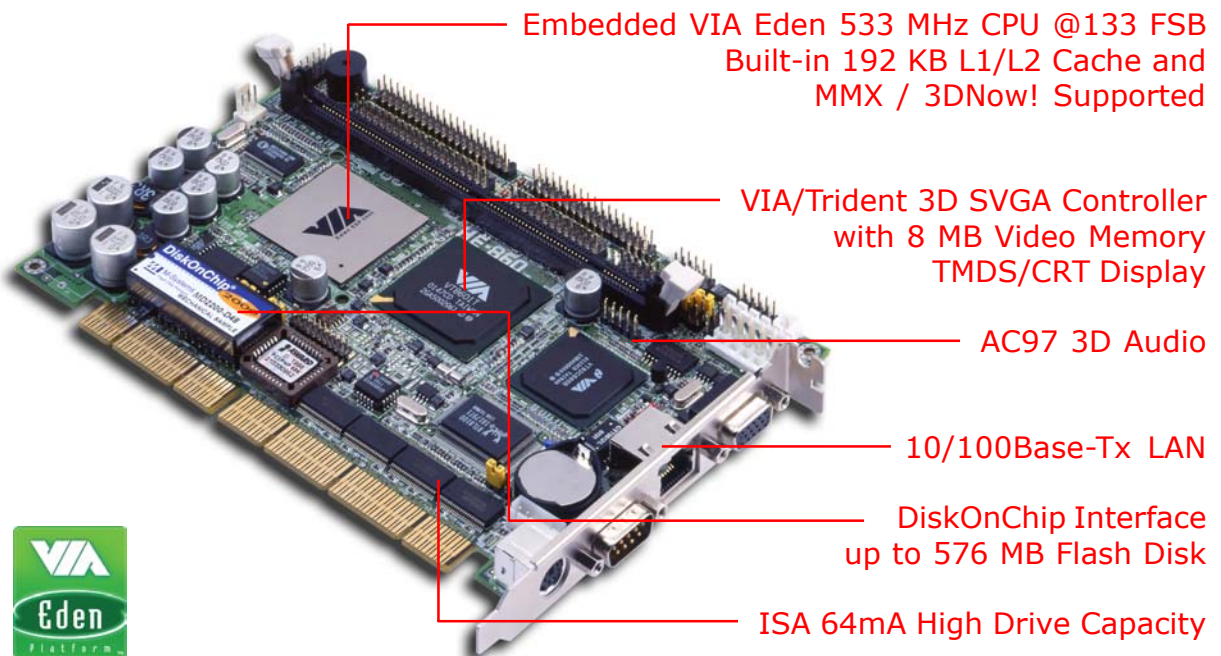


PISA Embedded 533 MHz

**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

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 |

Online product information detail and updates are available at: <http://www.commell.com.tw>