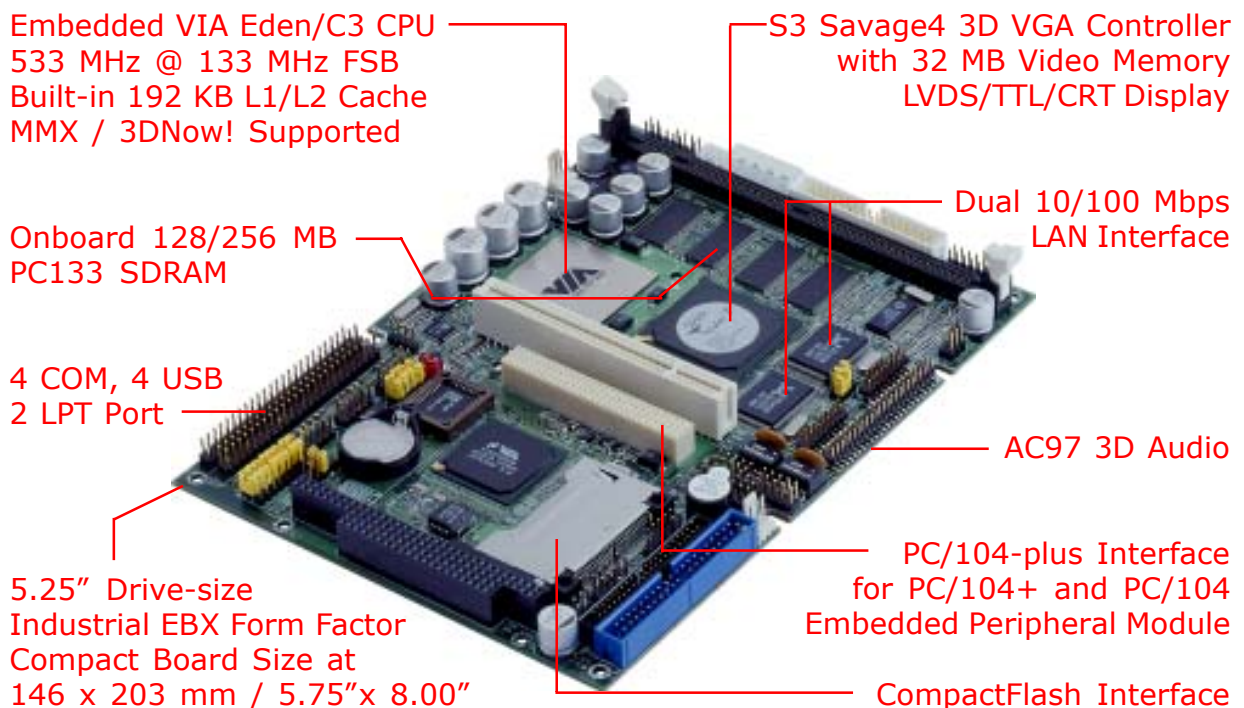




# Embedded 5.25" Littleboard

VIA Eden Embedded x86 533 MHz Platform



## LE-562 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
- Compact EBX Form Factor with Onboard 128/256 MB PC133 SDRAM  
and All-in-one Integration for Small Size, Low Profile Application
- Powerful 4xAGP 3D SVGA Controller with 32 MB Video Memory and  
Built-in 24-bit LVDS Interface for POS/Kiosk and Panel PC Application
- PC/104-plus Interface supports Add-in Multiple LAN, Ultra160 SCSI,  
IDE Adapter, IDE RAID, and Other PCI-based Peripheral Modules
- CompactFlash Interface for IDE-free Embedded Software Installation



# Embedded Single Board Computer

## Low Profile with 533 MHz CPU and SDRAM

### LE-562

**5.25" Drive-size EBX Embedded VIA Eden Littleboard with Embedded 533 MHz CPU, 128/256 MB PC133 SDRAM LVDS/TTL Flat Panel / CRT SVGA, Dual 10/100 Mbps LAN AC97 3D Audio, PC/104-plus, CompactFlash Interfaces and 4 COM/2 LPT/4 USB Ports**



<b>Form Factor</b>	5.25" Drive-size Embedded Littleboard Computer, EBX Compliant
<b>CPU</b>	Onboard Embedded VIA Eden 5000 CPU with 533 MHz / 133 MHz FSB Embedded Ultra Low Power Consumption, Fan Free Application <b>Optional onboard CPU with VIA EBGA 800 MHz for OEM projects</b>
<b>Memory</b>	Onboard optional 128/256 MB and one 168-pin DIMM up to 512 MB SDRAM Total memory capacity up to 768 MB PC133 SDRAM
<b>Chipset</b>	VIA/S3 TwisterT PN133T chipset with VIA 8606 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>Power Management</b>	ACPI 1.0 compliant, supports power saving mode with ATX PSU
<b>Expansive Interface</b>	1 x PCI slot supports 2 x PCI bus master add-in cards with riser card 1 x PC/104-plus interface supports PC/104 and PC/104+ interface modules
<b>PCI Enhanced IDE</b>	Dual UltraATA/100 bus master IDE channels up to 4 ATAPI devices 40-pin IDE1 and 44-pin IDE2 box header connector
<b>VGA Interface</b>	VIA/S3 8606 chipset integrated S3 Savage4 4xAGP 3D/2D SVGA controller with up to 32 MB of video memory shared with system memory 24-bit LVDS, TTL flat panel and CRT display supported
<b>LAN Interface</b>	Dual 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, Mic-in
<b>Multi-I/O Port</b>	3 x RS-232 and 1 x RS-232/422/485 serial ports (total 4 x COM ports) 4 x USB ports with USB version 1.1 compliant 2 x SPP/EPP/ECP parallel port (Both can be configured as 8-bit GPIO port) 1 x IrDA port, 1 x FDD port, 1 x PS/2 keyboard and mouse port
<b>Solid State Disk</b>	Onboard CompactFlash Type-II socket, default as 2nd slave IDE Supports CFC and/or IBM MicroDrive up to 1 GB of flash memory
<b>Environment</b>	Power Requirement: +5V, +12V on 4-pin power connector Board Dimension (L x W): 203 x 146 mm or 8.00"x 5.75" (EBX compliant) Operation Temperature: 0 ~ 60°C (32 ~ 140°F)
<b>Ordering Option</b>	<b>LE-562VL2-128</b> with 533 MHz CPU, 128 MB SDRAM, LVDS/TTL/CRT VGA, Dual LAN, PC/104-plus, CF and 4 COM Interfaces <b>LE-562VL2-256</b> Same as above but <b>with 256MB PC133 SDRAM</b>

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