

Embedded Single Board Computer



Low Profile, Low Power, Intel Giga LAN Solution

LE-564

**5.25" EBX Embedded VIA Eden Miniboard
Embedded 533 MHz CPU, 128/256 MB PC133 SDRAM
4 X 10/100 BASE-Tx Fast Ethernet or 3 X 10/100 BASE-T
with 1 X 10/100/1000BASE-T Ethernet interface,
CRT SVGA,ATA100 IDE and Solid State Disk Interface
Expanded UCR for remote Operating SETUP Bios Feature**



Form Factor	5.25" Drive-size Embedded Miniboard Computer, EBX Compliant
CPU	Embedded VIA Eden 533 MHz CPU
Memory	Onboard optional 128/256 MB PC133 SDRAM 1 x 168-pin DIMM slot support 512 MB PC133 SDRAM Total memory capacity up to 768 MB PC133 SDRAM
Chipset	VIA Apollo PLT133 chipset with VIA 8601T and VT82C686B
Watchdog Timer	6-level generates NMI or system reset watchdog timer
Power Management	ACPI 1.0 compliant, supports power saving mode with ATX PSU
Real Time Clock	VIA VT82C686B integrated RTC with onboard lithium battery
Universal Console Redirectly (UCR)	Option installable feature for monitoring POST messages and running Setup and Operating system from a Serial terminal
Expansive Interface	1 x PCI slot supports up to 3 x PCI bus master of add-on cards with riser card
PCI Enhanced IDE	UltraATA/100 bus master IDE channels up to 4 ATAPI devices
VGA Interface	Integrated with VIA Apollo PLT133 with VT8601T via UMA Architecture and max. 8 MB of video memory shared with system memory
LAN Interface	4 x 10/100 BASE-Tx Fast Ethernet or 3 x 10/100 BASE-Tx with 1 x 10/100/1000 BASE-Tx Giga Ethernet LAN interface
Multi-I/O Port	2 x COM of RS-232 serial ports with 16C550 compatible UART and 16 bytes FIFO 1 x SPP/EPP/ECP parallel port, 2 x USB ports (USB version 1.1 compliant) 1 x IrDA port, 1 x Floppy port, 1 x PS/2 keyboard and mouse port
Solid State Disk	CompactFlash socket for CFC (CompactFlash Card)
Environment	Power Requirement: +5V with onboard AT/4P power connector or +5V AC/DC jack input connector Board Dimension (L x W): 146 x 203 mm or 8.00 x 5.75" Operation Temperature: 0 ~ 60°C (32 ~ 140°F)
Ordering Code	LE-564E5R-P With VIA Eden 533 MHz CPU, SVGA, 4 x Realtek 8139C+ Fast Ethernet LAN, 2 x COM, 1x Parallel, 2 x USB, CompactFlash Interface LS-564E5G-P With VIA Eden 533 MHz CPU, SVGA, 3 x Intel 82551QM 10/100 Fast Ethernet LAN and 1 x Intel 82540EM 10/100/1000 Giga Ethernet LAN, 2 x COM, 1x Parallel, 2 x USB, CompactFlash Interface

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

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