

# Industrial Single Board Computer

## LS-560

**5.25" EBX Socket 370 PC133 Littleboard  
with 24-bit LVDS/TTL Flat Panel/CRT SVGA  
Intel PRO/100+ LAN, AC97 3D Audio  
PC/104 and DiskOnChip Interfaces  
4 COM / 2 LPT / 4 USB Ports**



<b>Form Factor</b>	5.25" Drive-size Embedded Littleboard Computer, EBX Compliant
<b>CPU</b>	Socket 370 Intel Pentium-III / Celeron, VIA C3 CPU supported up to 1.2 GHz at 66/100/133 MHz FSB Intel Coppermine FC-PGA CPU supported
<b>Memory</b>	One 168-pin DIMM slot supports up to 512 MB PC100/133 SDRAM with ECC
<b>Chipset</b>	VIA Apollo Pro133 chipset with VIA 693A and 686B
<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>Expansive Interface</b>	1 x PCI slot supports 3 x PCI bus master of add-on cards with riser card 1 x PC/104 interface supports add-in PC/104 interface modules
<b>PCI Enhanced IDE</b>	Dual UltraATA/100 bus master IDE channels up to 4 ATAPI devices One 40-pin and one 44-pin IDE port
<b>VGA Interface</b>	C&T69000 flat panel / CRT SVGA controller with 2 MB on-die video memory Optional onboard 24-bit LVDS flat panel interface
<b>LAN Interface</b>	Intel PRO/100+ LAN interface with Intel 82559 chipset 10Base-T/100Base-TX auto-switching, IEEE802.3U compliant
<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 (LPT2 can be configured as 8-bit GPIO port) 1 x IrDA port supports 1 x FDD port 1 x PS/2 keyboard / mouse ports
<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 Board Dimension (L x W): 203 x 146 mm or 8.00 x 5.75" Operation Temperature: 0 ~ 60°C (32 ~ 140°F)
<b>Ordering Option</b>	<b>LS-560V</b> with TTL Flat Panel VGA Interface <b>LS-560VL</b> with TTL Flat Panel VGA and <b>Intel LAN</b> Interfaces <b>LS-560VXL</b> with <b>Onboard 24-bit LVDS Flat Panel VGA and Intel LAN</b> Interfaces