

Industrial Single Board Computer

LS-561

**5.25" EBX Socket 370 PC133 Littleboard
with 4xAGP 3D SVGA / 32 MB Video Memory
Intel PRO/100+ LAN, AC97 3D Audio
PC/104-plus, DiskOnChip Interfaces
4 COM, 4 USB and 16-bit GPIO Ports**



Form Factor	5.25" Drive-size Embedded Littleboard Computer, EBX Compliant
CPU	Socket 370 Intel Pentium-III / Celeron, VIA C3 CPU supported up to 1.2 GHz at 66/100/133 MHz FSB, Intel Coppermine CPU supported
Memory	One 168-pin DIMM slot supports up to 512 MB PC100/133 SDRAM
Chipset	VIA PL133/PM133 chipset with VIA 8604/8605 and 686B
Watchdog Timer	6-level generates NMI or system reset watchdog timer
Real Time Clock	VIA 686B integrated RTC with onboard lithium battery
Expansive Interface	1 x PCI slot supports 3 x PCI bus master of add-on cards with riser card 1 x PC/104-plus interface supports add-in PC/104-plus peripheral modules 1 x PC/104 interface supports add-in PC/104 peripheral modules
PCI Enhanced IDE	Dual UltraATA/100 bus master IDE channels up to 4 ATAPI devices 40-pin IDE1 and 44-pin IDE2 interfaces
VGA Interface	VIA chipset built-in S3 Savage4 3D SVGA controller BIOS selectable 32 MB video memory shared with system memory Optional C&T69K flat panel VGA controller with 2/4MB on-die video memory
LAN Interface	Intel PRO/100+ LAN interface with Intel 82559 chipset 10Base-T/100Base-TX auto-switching, IEEE802.3U compliant
Audio Interface	AC97 3D audio interface with line-in, line-out, CD-in, Mic-in
Multi-I/O Port	3 x RS-232 and 1 x RS-232/422/485 serial ports (total 4 x COM ports) 4 x USB ports (USB version 1.1 compliant) 1 x SPP/EPP/ECP parallel port 1 x 16-bit GPIO port (8-bit input and 8-bit output) 1 x IrDA port 1 x FDD port 1 x PS/2 keyboard and mouse 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 Board Dimension (L x W): 203 x 146 mm or 8.00 x 5.75" Operation Temperature: 0 ~ 60°C (32 ~ 140°F)
Ordering Option	LS-561V with VGA Interface LS-561VL with VGA and Intel LAN Interfaces

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