

Industrial Single Board Computer



Low Power , Fan free ,Compact Embedded 686 Solution

LV-660

Mini-FlexATX embedded Eden/C3 Motherboard
With Onboard embedded VIA Eden 533MHz CPU
Integraated 3D SVGA with 8MB Video Memory
AC97 3D Audio ,TV-out with AV/S-Video output
And 10/100 Base-Tx Lan Interfaces



Form Factor	Mini-Flex ATX/ Mini-ITX Motherboard, 170mm x 170mm (W x L)
CPU	Onboard embedded VIA Eden 533 MHz CPU at 133MHz FSB Integrated 192KB Internal L1/L2 cache and MMX & 3D Now! Support Ultra low voltage operation for low power,fan free embedded application Optional onboard embedded VIA C3 800 MHz CPU
Memory	Two 168-pin DIMM slots support up to 1GB PC-133 SDRAM
Chipset	VIA 8601A and 8231 with 266 Mbytes/Sec. of V-link
Real Time Clock	VIA 8231 integrated RTC with onboard lithium battery
Power Management	ACPI 1.0 compliant, supports power saving mode,doze/standby/suspend mode, wake-on-LAN ,modem and peripheral devices with ATX power supply
Expansive Slot	1 x PCI expansive slot
PCI Enhanced IDE	Dual UltraATA/133 IDE channels up to 4 ATAPI devices
VGA Interface	VIA 8601A chipset built-in Trident Blade 3D SVGA controller With 3D/2D engine with 8MB video memory shared with system Integrated TV-out interface with AV/S-video output External DB15 female connector for VGA display External AV-out and S-video out connector for TV
LAN Interface	VIA 8231 chipset built-in Fast Ethernet MAC with VIA 6103 PHY 10Base-T/100Base-TX auto-switching, IEEE802.3U compliant
Audio Interface	AC97 3D audio interface with line-in, line-out, Mic-in, CD-in
Multiple I/O Port	1 x PS/2 keyboard and mouse, parallel and, IrDA Ports 4 x USB port (two external and two internal USB Ports) 2 x Rs-232C serial ports(one external and one internal serial port)
External I/O Port	PS/2 keyboard and mouse, parallel and IrDA ports DB25 female parallel port , DB15 female VGA , AV-out, S-video out RJ45 LAN ,Dual USB DB9 male COM1, Audio line-in/out
Environment	Power Requirement : Standard ATX poer supply Board Dimension (W x L):170 x 170mm. or 6.7 x 6.7 inches Operation Temperature: 0 ~60°C(32~140°F)
Ordering Code	LV-660E Mini-ITX Embedded with VIA Eden 533 MHz CPU,VGA, Audio, LAN, TV-out Interface LV-660C Mini-ITX Embedded with EBGA C3 800 MHz CPU,VGA, Audio, LAN, TV-out Interface LV-660C1Mini-ITX Embedded with EBGA C3 1G MHz CPU,VGA, Audio, LAN, TV-out Interface

Online product information detail and updates are available at www.commell.com.tw

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