

# Industrial Embedded Motherboard

*Low Power, Fan Free, Compact Embedded 686 Solution*



## LV-660

**Mini-Flex ATX Embedded Eden/C3 Motherboard with Onboard Embedded VIA Eden 533 MHz CPU Integrated 3D SVGA with 8 MB Video Memory AC97 3D Audio, TV-out with AV/S-video output and 10/100 Base-Tx LAN Interfaces**



<b>Form Factor</b>	Mini-Flex ATX / Mini-ITX Motherboard, 170 x 170 mm (W x L)
<b>CPU</b>	Onboard embedded VIA Eden 533 MHz CPU at 133 MHz FSB Integrated 192KB internal L1/L2 cache and MMX & 3DNow! support Ultra low voltage operation for low power, fan free embedded application Optional onboard embedded VIA C3 800 MHz CPU
<b>Memory</b>	Two 168-pin DIMM slots support up to 1 GB PC133 SDRAM
<b>Chipset</b>	VIA VIA 8601A and 8231with 266 MBps V-link
<b>Real Time Clock</b>	VIA 8231 integrated RTC with onboard lithium battery
<b>Power Management</b>	ACPI 1.0 compliant, supports power saving mode, doze/standby/suspend mode, wake-on-LAN, modem and peripheral devices with ATX PSU
<b>Expansive Interface</b>	1 x PCI expansive slot
<b>PCI Enhanced IDE</b>	Dual UltraATA/100 bus master IDE channels up to 4 ATAPI devices
<b>VGA Interface</b>	VIA 8601A chipset built-in Trident Blade 3D SVGA controller with 3D/2D engine and 8 MB video memory shared with system memory Integrated TV-out interface with AV/S-output External DB15 female connector for VGA display External AV-out and S-video out connector for TV
<b>LAN Interface</b>	VIA 8231 chipset built-in Fast Ethernet MAC and onboard VIA 6103 PHY 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>	PS/2 keyboard and mouse, parallel and IrDA ports 4 x USB ports (two external and two internal USB ports) 2 x RS-232C serial ports (one external and one internal serial ports)
<b>External I/O Panel</b>	PS/2 keyboard and mouse DB25 female parallel port, DB15 female VGA, AV-out, S-video out RJ45 LAN, dual USB DB9 male COM1, Audio Line-in/out
<b>Environment</b>	Power Requirement: Standard ATX power supply Board Dimension (L x W): 170 x 170 mm or 6.7 x 6.7 inches Operation Temperature: 0 ~ 60°C (32 ~ 140°F)
<b>Ordering Option</b>	<b>LV-660E</b> Mini-Flex ATX Embedded Eden 533 MHz Motherboard with Eden 533 MHz CPU, SVGA, TV-out, Audio, LAN Interfaces <b>LV-660C</b> Same as LV-660E but with VIA EBGA C3 800 MHz CPU

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