

Industrial Embedded Motherboard

Low Power, Fan Free, Compact Embedded 686 Solution



LV-660

Mini-FlexATX 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



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| Form Factor | Mini-Flex ATX / Mini-ITX Motherboard, 170 x 170 mm (W x L) |
| CPU | Onboard embedded VIA Eden 533 MHz CPU at 133 MHz 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 supports up to 1 GB PC-133 SDRAM |
| Chipset | VIA 8601A and 8231 with 266 MBps V-link |
| Real Time Clock | VIA 8231 intergrated RTC with onboard lithum 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 Interface | 1 x PCI expensive slot |
| PCI Enhanced IDE | Dual UltraATA/100 bus master IDE channels up to 4 ATAPI devices |
| VGA Interface | VIA 8601A chipset built-in Trident Blade 3D SVGA controller with 3D/2D engine and 8 MB video memory shared with system memory Interated TV-out interface with AV/S-out 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 and onboard VIA 6103 PHY 10/100Base-T auto-switching, IEEE802.3U compliant |
| Audio Interface | AC97 3D audio interface with line-in, line-out, Mic-in, CD-in |
| Multi-I/O Port | 1 x PS/2 keyboard and mouse, parallel and IrDA ports 4 x USB ports (two external and two internal USB ports) 1 x RS-232C serial port (for external) |
| External I/O Panel | 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 |
| Environment | Power Requirement: Standard ATX power supply Board Dimension (W x L): 170 x 170 mm. or 6.7 x 6.7 inches Operation Temperature: 0 ~ 60°C (32 ~ 140°F) |
| Ordering Code | LV-660E with Eden 533 MHz CPU, VGA, Audio, LAN, TV-out LV-660E6 with Eden 667 MHz CPU, VGA, Audio, LAN, TV-out LV-660E4 with Eden 400 Mhz CPU, VGA, Audio, LAN, TV-out LV-660C with EBGA C3 800 MHz CPU, VGA, Audio, LAN, TV-out |

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

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