

Industrial Single Board Computer

Mini-ITX motherboard

LV-666

Onboard VIA C3/Eden GHz processor @ 133 MHz
VIA CLE266 and VT8235 chipset, Onboard VGA
TV-out, LAN, IEEE 1394, COM, Audio, LPT, USB
Optional CompactFlash socket



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|---------------------------|--|
| Form Factor | Mini-ITX motherboard |
| CPU | Onboard VIA C3/Eden 1.0 or 1.2 GHz Processor Package type: Micro-FCBGA479 Front side bus: 133 MHz |
| Memory | Two DDR 200/266 MHz DIMM up to 2.0 GB |
| Chipset | VIA CLE266 and VT8235 |
| Real Time Clock | Chipset integrated RTC with onboard lithium battery |
| Power Management | ACPI 1.0 compliant, supports power saving mode |
| PCI Enhanced IDE | Dual 40-pin UltraATA133 IDE interface supports up to 4 ATAPI devices |
| VGA Interface | VIA CLE266 built-in 3D SVGA controller |
| Video Memory | Up to 8/16/32/64MB shared with system memory |
| TV-out interface | Aitech or VT1622A codec onboard |
| Audio Interface | VIA VT8235 integrated Realtek ALC650 AC97 Codec |
| LAN Interface | VIA VT8235 built-in Fast Ethernet MAC with VIA 6103 PHY |
| Solid State Disk | Optional Compact Flash socket in the solder side |
| Extended Interface | 1 x 32-bit PCI slot |
| Internal I/O Port | 1 x RS232, 4 x USB ports, 2 x IEEE 1394, 1 x IrDA, 1 x CDIN |
| External I/O Port | 1 x PS/2 Keyboard/Mouse Port, 1 x RJ45 LAN ports, 1 x DB15 VGA port, 2 x USB2.0 ports, 1 x LPT, 1 x RS232 port , 1 x Audio Output, 1 x AV/S-Video output connector |
| Power Requirement | Standard 20-pin ATX power supply |
| Dimension | 170mm x 170mm |
| Temperature | Operating within 0~60 centigrade Storage within -20~85 centigrade |

Ordering Code

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|-----------------------|--|
| LV-666C1 (P6F169) | VIA C3 1.0 GHz with onboard VGA, LAN, LPT, IEEE 1394, COM, USB TV-out (AlTech codec) , with Compactflash socket |
| LV-666C2 | VIA C3 1.2 GHz with onboard VGA, LAN, LPT, IEEE 1394, COM, USB TV-out (AlTech codec) , with Compactflash socket |
| LV-666E1V (P6F172) | VIA Eden 1.0 GHz with onboard VGA, LAN, LPT, IEEE 1394, COM, USB TV-out (VT1622A codec) , without Compactflash socket |

For further product information please visit the website at <http://www.commell.com.tw>

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