

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



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

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>