

# Industrial Single Board Computer



## Mini-ITX motherboard

### LV-667

VIA CN400 with DDR266/333/400

Onboard VGA, Dual LAN, Mini-AGP

SATA, IEEE1394, USB2.0, 4 x COM

AC97 5.1 Channel Audio



<b>Form Factor</b>	Mini-ITX compact motherboard
<b>CPU</b>	Embedded VIA C3/Eden Processor Speed: 1.0GHz/800MHz (Fanless with Eden 800MHz) Front side bus: 133MHz L1/L2 Cache: 128KB/64KB (Optional up to 1.2GHz with 200MHz FSB)
<b>Memory</b>	1 x 184-pin DDR266/333/400 SDRAM up to 1GB
<b>Chipset</b>	VIA CN400 & VT8237
<b>Real Time Clock</b>	Chipset integrated RTC with onboard lithium battery
<b>Watchdog Timer</b>	Winbond W83697UF with system generates 256 levels reset
<b>Power Management</b>	ACPI 1.0 compliant, supports power saving mode with ATX PSU
<b>PCI Enhanced IDE</b>	Two UltraATA/100 IDE channels up to 4 ATAPI devices Onboard 1 x 40-pin & 1 x 44-pin IDE connectors
<b>VGA Interface</b>	VIA CN400 integrates S3 Graphics UniChrome Pro IGP graphics core MPEG-II/MPEG-4 hardware accelerator integrated
<b>Video Memory</b>	Up to 64MB shared with system memory
<b>Serial ATA interface</b>	2 x Serial ATA interface with 150MB/s transfer rate RAID 0/1 supported
<b>Audio Interface</b>	VIA VT8237 integrates with VT1616 AC97 5.1CH codec
<b>DVI Interface</b>	Optional onboard DVI interface
<b>TV-out Interface</b>	Optional onboard SDTV/HDTV interface
<b>LVDS Interface</b>	Optional 18/24-bit LVDS interface with Mini-AGP add-on card
<b>LAN Interface</b>	1 x VIA VT6103 10/100Mbps PHY 1 x REALTEK 8100B 10/100Mbps PCI controller
<b>Solid State Disk</b>	IDE1 supports DiskOnModule with +5V power supply 1 x Compact Flash Type-II socket
<b>GPIO interface</b>	Onboard programmable 8-bit Digital I/O interface
<b>Extended Interface</b>	1 x Onboard PCI slot 1 x optional Mini-AGP socket
<b>External I/O Port</b>	2 x RJ45 LAN ports, 1 x DB15 VGA port and 1 x PS/2 Keyboard/Mouse Port, 2 x RS232 Serial Ports, 2 x IEEE1394 ports, 4 x USB2.0 ports
<b>External Audio Port</b>	Line-out/Front, Line-in/Rear and MIC-in/Center



<b>Internal I/O ports</b>	1 x Slim type FDD, 1 x IEEE1394, 2 x USB2.0, 2 x RS232, 1 x SP/DIF
<b>Power Requirement</b>	Standard 20-pin ATX power supply
<b>Board Dimension</b>	170mm x 170 mm (L x W)
<b>Operation Temperature</b>	0 ~ 60 °C (32 ~ 140 °F)

## Cable Kit



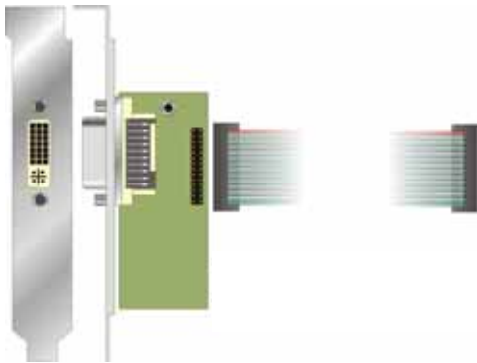
40-pin ATA100 IDE flat cable x 1



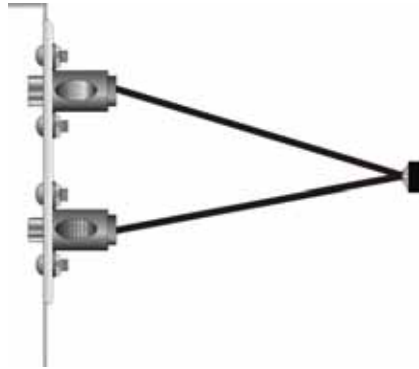
26-pin slim type floppy cable x 1



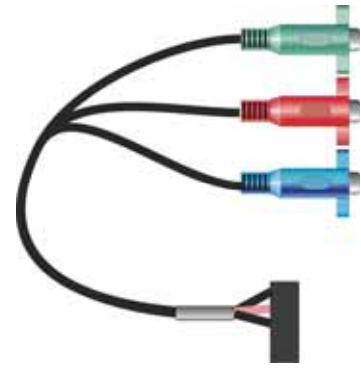
Serial ATA ribbon cable x 1



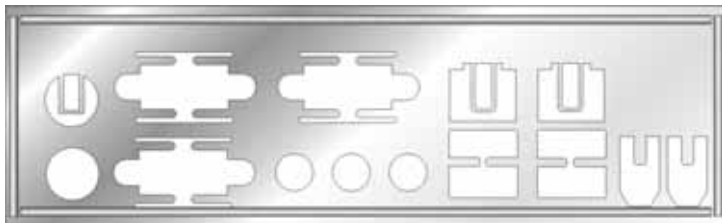
DVI output cable kit (LV-667D only)



SDTV cable x 1 (LV-667T only)



YPrPb cable x 1 (LV-667T only)



I/O Shield x 1

## Ordering Code

<b>LV-667</b>	VIA CN400 with Embedded C3 1.0GHz, VGA, SATA, 5.1CH Audio, CF, PCI, 4 x RS232, Dual LAN, <b>Mini-AGP</b>
<b>LV-667D</b>	VIA CN400 with Embedded C3 1.0GHz, VGA, SATA, 5.1CH Audio, CF, PCI, 4 x RS232, Dual LAN, <b>DVI</b>
<b>LV-667T</b>	VIA CN400 with Embedded C3 1.0GHz, VGA, SATA, 5.1CH Audio, CF, PCI, 4 x RS232, Dual LAN, <b>HDTV</b>
<b>LV-667E8</b>	Same with LV-667 but with embedded Eden ESP8000 processor (Fanless)
<b>LV-667E8D</b>	Same with LV-667D but with embedded Eden ESP8000 processor (Fanless)
<b>LV-667E8T</b>	Same with LV-667T but with embedded Eden ESP8000 processor (Fanless)
<b>MA-ATI</b>	AGP 8x graphic card with ATI M10 GPU, 64MB DDR VRAM for Mini-AGP
<b>MA-1631X</b>	18/24-bit LVDS add-on card for Mini-AGP

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

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