

Embedded Single Board Computer



Low Profile, Low Power, MPEG-2 for MultiMedia Solution

LE-362

3.5" EBX Embedded VIA Edén Miniboard

Embedded VIA Edén 667MHz CPU, Based on VIA CLE266 and VT8235 Chipset, Built-in MPEG-II/I decoder, Support Direct TFT flat panel interface up to 24-bit data width.

Integrated VT1622 for NTSC or PAL support S-video TV-out and CRT display interface. Onboard With ALC201A 3D Audio, 10/100Mbps LAN and Wake-on LAN function.



Form Factor	3.5" miniboard form factor with 146 x 101 mm of dimension
CPU	Embedded VIA Edén 667 MHz Optional Edén 533/800 MHz CPU
Memory	Onboard supports 128MB PC133 SDRAM, One 144-pin SO-DIMM socket max up to 512MB
Chipset	VIA CLE266 and VT8235
Watchdog Timer	System reset with programmable 1~255/s/m
Power Management	ACPI 1.0 compliant, supports power saving mode with ATX PSU
Real Time Clock	Integrated in VT8235 South Bridge Controller with onboard Lithium Battery Backup
PCI Enhanced IDE	2 Channels up to 4 Devices (IDE1 x 40-pin; IDE2 x 44-pin)
VGA Interface	Integrated Graphics with 8/16/32/64MB frame buffer using system memory Built-in MPEG-II/I Video Decoder, support CRT output
TV-out interface	Integrated VT1622M to support NTSC or PAL TV display One 2x5-pin header to support S-video & Composite output
LCD Interface	Direct TFT flat panel interface up to 24-bit data width supporting. One 40-pin connector to support TTL TFT LCD
LAN Interface	With VIA VT6103 to support 10/100Mbit Ethernet, Wake-On-LAN (via ATX Power supply), LED display Interface for extra Indicator
Audio	With ALC201A to support 3D audio, with line-in, line-out and Mic-in, CD-in
Multi-I/O Port	1x FPC connector to support slim type floppy 1x 2x13-pin header for SPP/EPP/ECP parallel port, 1x 2x5-pin header for RS-232 port 1x 2x5-pin header for PS/2 keyboard and mouse, 1x 5-pin header to support IrDA 1x 2x5-pin header to support 2 x USB ports with USB 2.0
Solid State Disk	CompactFlash Type-I/II Socket from Secondary IDE with Master
PC/104-plus	1x 120-pin 32-bit PCI-base PC/104-plus interface
Environment	Power Requirement: +5V & +12V only workable, One 3-pin ATX interface with 5V standby Board Dimension (L x W): 146 x 101 mm Operation Temperature: 0 ~ 60°C (32 ~ 140°F)
Ordering Code	LE-362E6 Embedded VIA Edén 667 MHz CPU, Integrated SVGA, TFT LCD, TV-out , 3D Audio, LAN, USB 2.0, CompactFlash and PC/104-Plus Interface LE-362E5 same as above but with VIA Edén 400 MHz CPU LE-362E8 same as above but with VIA Edén 800 MHz CPU

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

COMMELL IPC Division, Taiwan Commate Computer Inc.

8F, No. 94, Sec. 1, Shin Tai Wu Rd., Hsi Chih, Taipei Shien, Taiwan

TEL : +886-2-26963909

FAX : +886-2-26963911

Website: <http://www.commell.com.tw>

E-mail : info@commell.com.tw

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www.commell.com.tw