



LV866B

On-Board 4 Com Ports / TV-Out / TFT LCD LVDS / Thin Client Application

Processor :

- . On-board VIA C3 376 PIN EPGA type front side bus 100/133 MHz
- . VIA Eden series Processor 533/733/800 MHz/1GHz speed
- . VIA C3 series Processor 733/800MHz/1G Hz speed
- . Lowest Voltage / Power consumption
- . Integrated full-speed 192KB L1/L2 cache

Chipset :

- . VIA PN133T Twister (V8606 and VT82C686B Chipset)

Memory :

- . Supports PC 133/100 SDRAM DIMM
- . 2 x DIMM sockets up to 1GB (32MxN)

Graphic:

- . Integrated Pro Savage 4 2D/3D Video Accelerator
- . Full internal AGP 4X performance
- . Supports 8/16/32Mbyte of frame buffer use system memory
- . High quality DVD Video Playback
- . Motion Video Architecture
- . 2D/3D resolutions up to 1920 x 1440

LVDS:

- . Supporting LCD Panel TTL TFT 36Bit interface includes
- . VGA ,SVGA,XGA,SXGA+,UXGA,UXGA+ TFT color panels with 9Bit,12Bit,18Bit (both 1 pixel /clock and 2pixel/clock)and 24Bit interface.
- . Integrated 18bit LVDS interface the resolutions are supported up to 1280 x 1024
- . Simultaneous display CRT with LCD Panel

TV-Out (Optional):

- . Supports NTSC/PAL TV out
- . Automatic detection of TV presence

PCI Bus Master IDE :

- . Dual channel master mode PCI support four Enhanced IDE devices
- . Support PIO mode to 4 and ATA 33/66/100 IDE device
- . Support ATAPI CD-ROM , LS-120,ZIP

Sound :

- . AC97 2.1 compliant
- . Dual full-duplex direct sound with audio amplify 2W / 8Ω

LAN :

- . 2 x 10M/100M Realtek RTL 8100B
- . Compliant to PCI-2.2
- . Supports Wake On LAN function
- . Supports Full Duplex Flow Control (IEEE 802.X)

USB 2.0 :

- . Compliant with Universal Serial Bus Rev:2.0
- . Compliant with Enhanced Host Controller Interface spec Rev:0.95
- . Compliant with Universal Host Controller Interface spec Rev:1.1

I/O :

- . 3 x RS232 ports
- . 1 x RS232/422/485 selectable port
- . 4 x serial ports w/ selectable Voltage RI/+5V/+12V
- . 1 x parallel ports for ECP/EPP/SPP
- . Digital Input / Output support 4 Input and 4 Output solution
- . DIO port address 445h (low data input ,High data Output)

Expansion PISA slo :

- . Supports one PISA slot can expansion PCI-2.1 and ISA slot

Other function :

- . One 32-pin DOC socket support 8MB up to 576MB
- . Watch Dog function address 440h WG enable , 441h WG disable
- . Support to select 0-255 sec to system RESET or NMI function
- . Supports CF card type I / type II (Note not support CF boot with PISA riser card)

Back Panel I/O connector :

- . One DC-IN mini jack for DC IN 12V input
- . mini DIN-6 PS/2 Keyboard / Mouse ports
- . Three RS232 serial ports, One COM2 RS232/422/485
- . Two USB 1.1/2.0 spec type A ports
- . Two RJ45 LAN ports
- . One DB-15 VGA port

Power :

- . 12V DC-IN

BIOS:

- . Award BIOS
- . Support DMI 2.0 function
- . ACPI v1.0 compliant
- . APM v1.2 compliant
- . Windows 9x/ME/2000/CE Plug and play BIOS

Dimension:

- . Mini LPX 220 x 190 mm

Special Features:

- . 4 x Com Ports On Board . (3 x RS232 + 1 x RS232 / RS422 / RS485)
- . Each Com Port : RI Pin provides 5V / 12 V DC-Out

Case for LV866B M/B:

- . BLPX
- . FLPX
- . 12.1"/15.1" PANEL PC

Order information:

Model Name	CPU	Lan Ports
LV866B-2R73	VIA EDEN 733 Mhz	2 x 10/100 Realtek

