



LV866A

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

Processor :

- . On-board VIA C3 / Eden EPGA type F.S.B. 100/133 MHz
- . VIA Eden Low power Processor 533MHz/800MHz/1GHz series
- . Lowest Voltage / Power consumption
- . Integrated full-speed 192KB L1/L2 cache

Chipset :

- . VIA PN133T Twister (VT8606 and VT82C686B Chipset)

Memory :

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

Graphic:

- . Integrated Pro Savage 4 2D/3D Video Accelerator
- . Full internal AGP 4X performance
- . Share 8/16/32MB memory from system memory
- . High quality DVD Video Playback
- . Motion Video Architecture
- . 2D/3D resolutions up to 1920 x 1440 x 16 bit

DFP:

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

LVDS:

- . Support LVDS 18bits panel type.

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

LAN :

. Compliant to PCI-2.2 10M/100M Realtek RTL 8100B chipset

. Supports Wake On LAN

. Supports Full Duplex Flow Control (IEEE 802.X)

I/O :

. 3 x RS232 ports

. 1 x RS232/422/485 selectable port

. 4 x serial ports w/ selectable Voltage RI/+5V/+12V

. 2 x parallel ports for ECP/EPP/SPP

WDT / DIO :

. Hardware Watch Dog Timer - programmable 0-255 sec

. Hardware Digital Input/Output provide 4 input and 4 output

Expansion PISA slot :

. 1 x PISA slot supports expansion for 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 (option)

Back Panel :

. 2 x PS/2 Keyboard / Mouse ports

. 1 x RJ45 LAN port

. 3 x RS232 serial ports, 1 x COM2 RS232/422/485.

. 1 x SPP/EPP/ECP DB-25 parallel port

. 1 x DB-15 VGA port

BIOS:

. Award BIOS

. Support DMI 2.0 function

. ACPI v1.0 compliant

. APM v1.2 compliant

. Windows 9X/ME/2000/XP/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 LV866A M/B:

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

Order information:

Model Name	CPU	Lan Ports / TV-Out
LV866A-1R53	VIA EDEN 533 Mhz	1 x 10/100 RealTek
LV866A-1R5T	VIA EDEN 533 Mhz	1 x 10/100 RealTek, TV-out
LV866A-1R80	VIA C3 800 Mhz	1 x 10/100 RealTek
LV866A-1R8T	VIA C3 800 Mhz	1 x 10/100 RealTek, TV-Out

