



## LPX-8601

### On-Board 4 Com Ports / Video-Out for Point Of Sales / Thin Client Application

#### Processor :

- . On-board VIA C3 / EDEN EPGA type F.S.B. 100/133 MHz
- . VIA Eden Low power Processor 400/533/800 MHz/1GHz series
- . Lowest Voltage / Power consumption .
- . Integrated full-speed 192KB L1/L2 cache .

#### Chipset :

- . VIA PLE133 VT8601A and VT82C686B

#### Memory :

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

#### Graphic:

- . Integrated graphics controller with VT8601A 64-bit single cycle
- . 2D/3D graphic engine
- . Supports 2MB to 8MB of frame buffer Real time DVD MPEG-2 playback
- . Extended screen resolutions up to 1600x1200x16 bit

#### 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

**LAN :**

- . Compliant to PCI-2.2 10M/100M Realtek RTL 8100B chipset
- . Supports Wake On LAN function
- . 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
- . Digital Input/ Output supports 4 Input and 4 Output solution
- . DIO port address 445h (low data input, High data Output)(option)

**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 LPX-8601 M/B:**

- . BLPX
- . FLPX

**Order information:**

Model Name	CPU	Lan Ports / TV-Out
LPX8601-1R5T	VIA EDEN 533 Mhz	1 x 10/100 RealTek, TV-out
LPX8601-1R8T	VIA C3 800 Mhz	1 x 10/100 RealTek, TV-out

