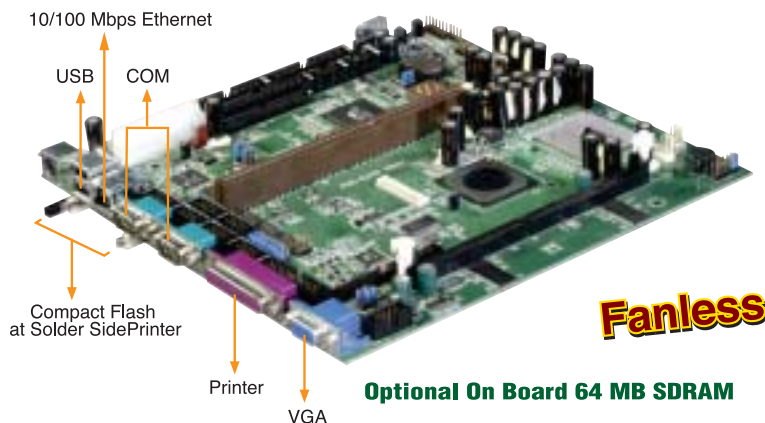


POS-EDEN-400

Embedded Low Power VIA Eden CPU

Full Function Board

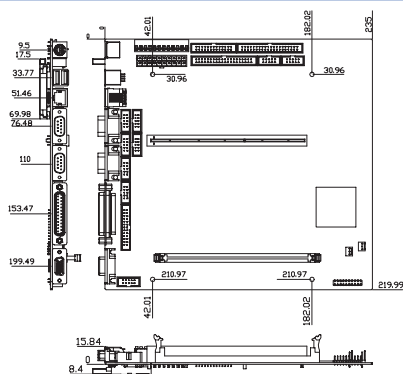
**Low Power Consumption
& Fanless Solution**



Fanless

Optional On Board 64 MB SDRAM

Dimensions:



PC DISPLAY MODES

The primary screen resolutions are 640x480, 800x600, 1,024x768 and 1,280x1,024. At higher resolutions, the image is more visible, but the text and images appear smaller. On small monitors, 640x480 and 800x600 are used. On 17" monitors, 1,024x768 is common, and 1,280x1,024 and higher are used on monitors 19" and above. It all depends on your eyesight. Display adapters may provide a 1,600x1,200 mode and even higher resolutions for medical and other demanding applications. In order to use the highest mode of the card, the monitor must be able to support that resolution.

Required Display Memory (MB)

Resolution	16(4bit)	256(8bit)	65K(16bit)	16M(24bit)
640X480	0.5	0.5	1	2
800X600	0.5	1	2	2
1024X768	1	1	2	4
1152X870	1	2	2	4
1280X1024	1	2	4	4
1600X1200	2	2	4	8

SPECIFICATIONS

- **CPU** : Embedded lower power consumption VIA Eden 400MHz CPU
- **System Chipset** : VIA VT8606T(PN133T) with VT82C686B
- **System Memory** : 1 x DIMM slot + optional on board 64MB SDRAM
- **Display** : – On-chip ProSavage™ VGA controller
 - Bus: AGP 4x, 66MHz
 - V-RAM: Share with system memory up to 32MB(SMA technology)
 - Resolution: Up to 1600X1200 (UXGA)
 - Connector: DB-15 for CRT display
 - 36-bit LVDS
- **SSD** : – 1X Compact Flash™ Type II socket
- **Ethernet** : 1 x 10/100Mbps Realtek RTL8100BL Fast Ethernet Controller
- **Audio** : AC'97 (VIA 1612A) with 0.25W amplifier
- **I/O** : – VT82C686B + Winbond 83877
 - 3x RS-232 port
 - 1x RS-232/422/485 ports
 - 2x Parallel port
 - 4x USB 1.1
 - 1x IrDA (SIR Mode)
 - 1x FDD
 - 2x ATA-100 IDE channel (40-pin/44-pin Header)
 - 1x PS/2 Keyboard/Mouse
- **Digital I/O** : 4X Input and 4X Output TTL Level
- **Extension Slot** : 1X PCISA (PCI+ISA)
- **WDT** : Software programmable supports 1~255 sec. system reset
- **Power Consumption** : +5V@2.3A, +12V@260mA, -12V@110mA, +5VSB@150mA (Eden 400MHz; CPU/128MB SDRAM; IBM 30GB HDD)
- **Operating Temperature** : 0~60°C (CPU cooler required)
- **Relative Humidity** : 5~95%, non-condensing

ORDERING INFORMATION

- **POS-EDEN-400** Embedded VIA Eden 400MHz full function board
- **POS-EDEN-400-64MB** Embedded VIA Eden 400MHz with 64MB on board SDRAM full function board

Note: For other kinds of on board memory and TV-Out function, please contact our supplier