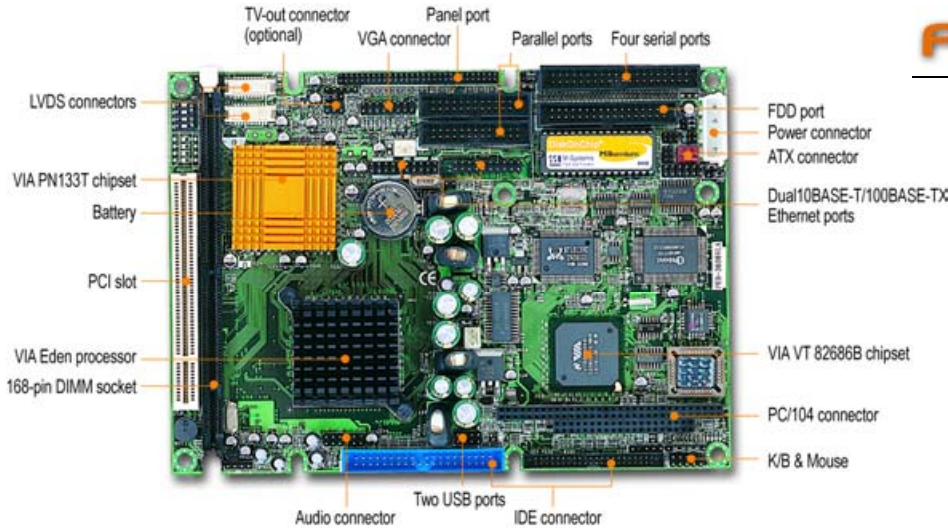


# PEB-3600VL2A

5.25" ESB, based on low power VIA Eden processor with AGPx4, VGA/CRT/LCD, dual LAN and audio



## Feature

- Innovative, low power all-in-one embedded system board
- Compact sized and highly integrated function for wider range of application
- Based on VIA Eden ESP extended long life cycle support chipset and processor to secure its product longevity
- Best cost performance ESB based on VIA Eden low power solution
- Best solution for multi-media transaction terminal and network appliance
- Versatile display support for man-machine interface design

## System

CPU	VIA Eden 533MHz processor
Chipset	VIA ProSavage PN133T (TwisterT)
Memory	One 168-pin DIMM socket support up to 512MB SDRAM
L2 Cache	192KB (L1&L2)
BIOS	Award
SSD	One SSD socket supports 2MB~144MB M-Systems DiskOnChip flash disk
Storage Devices	Four EIDE devices; two FDDs
Watchdog Timer	Programmable via software from 0 sec. to 30 sec., 2sec./step
Expansion Interface	One 32-bit PCI; one PC/104
Hardware Monitoring	VIA VT82C686B, monitoring voltages, temperatures, and fan speeds
Power Requirement	+5V@5A, +12V@750mA
Dimension	203(L)mm x 146(W)mm; 7.99"(L) x 5.74"(W)
Environmental	Operation temperature: 0~55 °C Storage temperature: -20~75 °C Operation humidity: 5~95%

## I/O

MIO	RS-232 x 1, RS-232/422/485 x 3(selectable), Parallel Port x 1
IrDA	Yes
Ethernet	Two Realtek RTL8139C , 10BASE-T/100BASE-TX
Audio	VIA VT82C686A/B AC97 Digital Audio Controller
USB	2
Mouse & K/B	1

## Display

Chipset	VIA ProSavage TwisterT(PN133T)
Memory Size	Share memory up to 32MB
Resolution	1280 x 1024 x 24bpp
LCD interface	Dual-channel LVDS; TTL, 36-bit
TV-out	TV out, composite and S-Video output (optional)

## Ordering Information

### Standard

PEB-3600VL2A 5.25" low power VIA Eden 533MHz processor based ESB with VGA/Panel, dual Fast Ethernet and audio

### Optional

Part No.	Description
B9600940	PEB-3600 cable set
B6200910	PEB-3600 Dual LAN cable with bracket