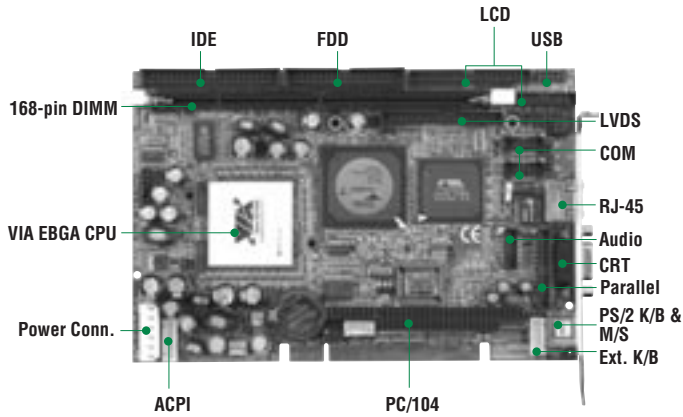


# SBC82600

VIA Eden/C3 PCI CPU Card with Audio



- Eden/C3
- Ethernet
- CRT/LCD/TV
- AC'97 Audio
- CompactFlash™
- PC/104
- 2 COM

## Features

- ▶ Ultra low power processors onboard
- ▶ Supports CRT, LCD
- ▶ 10/100Base-T Ethernet
- ▶ AC'97 Codec Audio
- ▶ CompactFlash™
- ▶ +5V only power input supported

## Packing List

- Quick installation guide
- Manual, driver & utility CD
- I/O cable kit (1 x 40-pin IDE, 1 x 34-pin FDD, 1 x COM+LPT with Bracket)

## System

CPU	ULP/LP VIA Eden/C3 400/667/800MHz processors onboard
System Memory	1 x SDRAM DIMM, Max. 512MB
Chipset	VIA VT8606 (Twister-T) + 82C686B
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and customer CMOS backup
SSD	CompactFlash™ Type-II socket
Watchdog Timer	0.5~1600 sec with 64 levels; system reset or NMI
Expansion Interface	PC/104 and PCI Golden Finger expansion interface
Battery	Lithium 3V/196 mAH
Power Consumption	Typical: 5V @ 3.8 A (C3-800 + 128MB) 5V @ 2.9 A (Eden-667 + 128MB) 5V @ 2.2 A (Eden-400 + 128MB) Max.: 5V @ 4.4 A
Size	185 x 122 mm
Temperature	0~60°C, operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

## I/O

MIO	1 x ATA-100 IDE, 1 x FDD, 1 x K/B + M/S, 1 x RS-232, 1 x RS-232/422/485, 1 x LPT, 1 x IrDA
Ethernet	RTL8139C, 10/100Base-T with WOL
Audio	AC'97 Codec Audio
USB	2 x USB 1.1 port

## Display

Chipset	VIA Twister chip with integrated S3 Savage4 2D/3D/Video Accelerator
Memory Size	8/16/32 MB frame buffer sharing system memory
Resolution	CRT mode: 1920 x 1440 @ 16bpp (60Hz), 1024 x 768 @ 16bpp (85Hz) LCD/Simultaneous mode: 1280 x 1024 @ 16bpp (60Hz), 1024 x 768 @ 16bpp (60Hz)
LCD Interface	AGP-4X with TTL and LCDs interfaces
TV-out (option)	Supports both NTSC/PAL, S-Video and composite video

## Ordering Information

Standard	
SBC82600VEA-400	With Eden 400MHz CPU, CRT/LCD, Ethernet and Audio
SBC82600VEA-667	With Eden 667MHz CPU, CRT/LCD, Ethernet and Audio
SBC82600VEA-800	With C3 800MHz CPU, CRT/LCD, Ethernet and Audio
Optional	
SBC82600VEAT-667	With Eden 667MHz CPU, CRT /LCD/TV, Ethernet and Audio
CK9A000	1 x COM + 2 x USB wiring kit
PK8980	LCD kit for 18-bit TTL LCD with Hirose DF9-41P-1V connector
PK95000-24	LCD kit for 24-bit single channel LVDS
PK95000-48	LCD kit for 48-bit dual channel LVDS
ATX6021/4	4-slot passive backplane
ATX6021/5	5-slot passive backplane
Enclosure Options	
AX6033	4-slot MicroBox with 70W AC P/S
AX60530	6-slot MicroBox with 150W AC P/S
EM60320D	Embedded MicroBox with 180W AC P/S

## Dimensions

