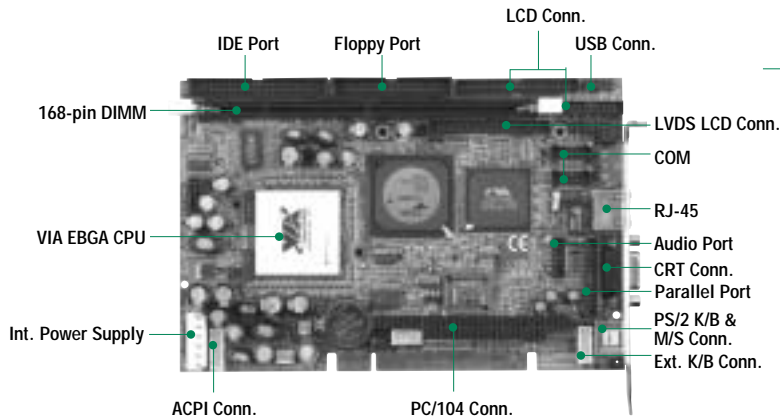


# SBC82600

Eden/C3 PCI CPU Card with Audio



## FEATURES

- ▶ Ultra low power CPU less than 4 watts
- ▶ CRT, full LCD (TFT/STN/DSTN) and TV-out
- ▶ 10/100Base-T Ethernet
- ▶ AC'97 Codec Audio
- ▶ CompactFlash™
- ▶ +5V only power input supported

## SYSTEM

CPU	Onboard VIA ULP/LP Eden/C3 processor; 400/667/800MHz
System Memory	1 * 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™
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 mA
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/Weight	185 * 122mm, 0.3kg
Temperature	0~60°C, operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

## I/O

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

## 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 * 1440 @ 16bpp (60Hz), 1024 * 768 @ 16bpp (85Hz) LCD/Simultaneous mode: 1600 * 1200 @ 16bpp (60Hz), 1024 * 768 @ 16bpp (60Hz)
LCD Interface	AGP-4X CRT/LCD interface, TTL signal supports STN, DSTN (16 or 24-bit), TFT, and Plasma LCD LVDS signal support TFT (18 or 36-bit)
TV-out (option)	Supports both NTSC/PAL, S-Video and composite video

## PACKING LIST

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

## ORDERING INFORMATION

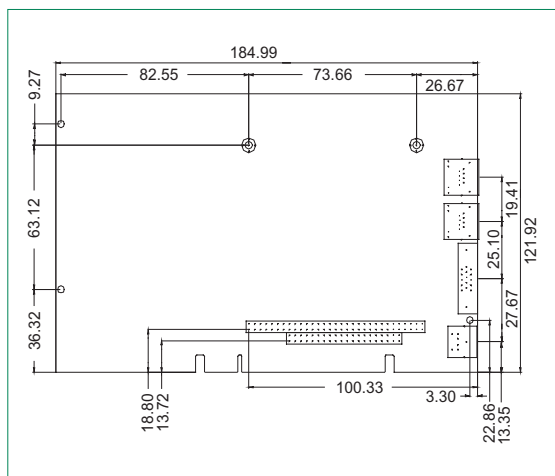
### Standard

SBC82600VEA-400	SBC82600 with Eden 400MHz CPU, CRT/LCD, Ethernet and Audio
SBC82600VEA-667	SBC82600 with Eden 667MHz CPU, CRT/LCD, Ethernet and Audio
SBC82600VEA-800	SBC82600 with C3 800MHz CPU, CRT/LCD, Ethernet and Audio

### Optional

SBC82600VEAT-667	SBC82600 with Eden 667MHz CPU, CRT /LCD/TV, Ethernet and Audio
CK9A000	1 * COM + 2 * USB Wiring Kit
PK8980	LCD kit for 18-bit TTL LCD with Hirose DF9-41P-1V connector
PK898A	LCD kit for 18-bit single channel LVDS 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
AX6033	4-slot MicroBox with 70W AC P/S
AX60530	6-slot MicroBox with 150W AC P/S
EM60320D	Embedded MicroBox with 70W AC P/S
ATX6021/4	4-slot passive backplane
ATX6021/5	5-slot passive backplane

## DIMENSIONS



\* All the specifications and photos are subjected to be changed without notice.