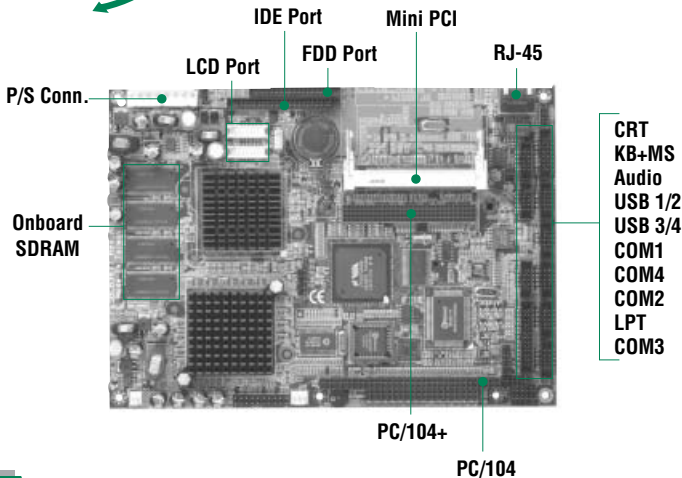


SBC83677

Eden/C3 Embedded SBC with 4 COM and PC/104+



New



Features

- ▶ Fanless Eden CPU family onboard
- ▶ Onboard SDRAM Up to 256MB
- ▶ Supports CRT / LVDS LCD
- ▶ 4 COM ports for transaction terminal applications
- ▶ PC/104, PC/104+ and Mini PCI extension interface

Packing List

- Quick installation guide
- Manual, driver & utility CD
- 1 x 8-pin power input adapter cable

Ordering Information

Standard	
SBC83677VEA-667	Eden 667MHz SBC with 128MB SDRAM, CRT/LVDS LCD, Fast Ethernet, AC'97 Audio and 4 COM ports
SBC83677VEA-1GE	Eden 1GHz SBC with 128MB SDRAM, CRT/LVDS LCD, Fast Ethernet, AC'97 Audio, and 4 COM ports
Optional	
SBC83677VEA-800	C3 800MHz SBC with 128MB SDRAM, CRT/LVDS LCD, Fast Ethernet, AC'97 Audio and 4 COM ports
SBC83677VEA-400	Eden 400MHz SBC with 64MB SDRAM, CRT/LVDS LCD, Fast Ethernet, AC'97 Audio and 4 COM ports
CK9A001	1x PS/2 KB-MS cable 1x Y-type PS/2 KB+MS adapter 1x CRT cable
CK9A002	1x 44pin-to-44 & 40-pin IDE cable 1x 40pin-to-40pin DMA66/100 IDE cable 2x SATA-150 cable 1x 26pin FDD cable 1x 26pin FDD Reverse cable 2x COM cable 1x LPT Cable
CK9A003	1x Audio cable with game port 4x USB 2.0 cable

System

CPU	VIA Eden CPUs 400/667/800/1GHz with 100/133MHz FSB
System Memory	Onboard 128MB SDRAM, max. to 256MB
Chipset	VIA VT8606 (Twist-T) + VT82C686B
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN boot ROM, SmartView and customer CMOS backup
SSD	CompactFlash™ type-II socket with DMA supported
Board Unique ID	Board unique ID supported
Watchdog Timer	System rest and NMI; 64 Levels, 0.5~8 / 5~80 / 50~800 / 100~1600 Seconds
Extension Interface	- PC/104 16-bit ISA - PC/104+ for 32-bit PCI - Mini PCI type-III socket
Battery	Lithium 3V/196 mAh
Size/Weight	203mm x 146mm
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, 3 x RS-232, 1 x RS-232/422/485 with auto flow control, 1 x LPT, 1 x IrDA
Ethernet	RTL8100C, 10/100Base-T with WOL
Audio	AC'97 Audio codec with amplify
USB	4 x USB ports; USB 1.1 compliant
DIO	4-channel input and output

Display

Chipset	VIA Twister chip with integrated S3 Pro Savage4 2D/3D/Vedio accelerator
Memory Size	8/16/32MB frame buffer sharing system memory
Resolution	CRT mode: 1280 x 1024 @ 16bpp (60Hz), 1024 x 768 @ 16bpp (85Hz) LCD/Simultaneous mode: 1600 x 1200 @ 16bpp (60Hz), 1024 x 768 @ 16bpp (60Hz), 1080 x 1024 @ 16bpp (60Hz)
LCD Interface	AGP-4X CRT/LCD interface, support for 9, 12, 18, 24, 36-bit LVDS TFT LCD

Dimensions

