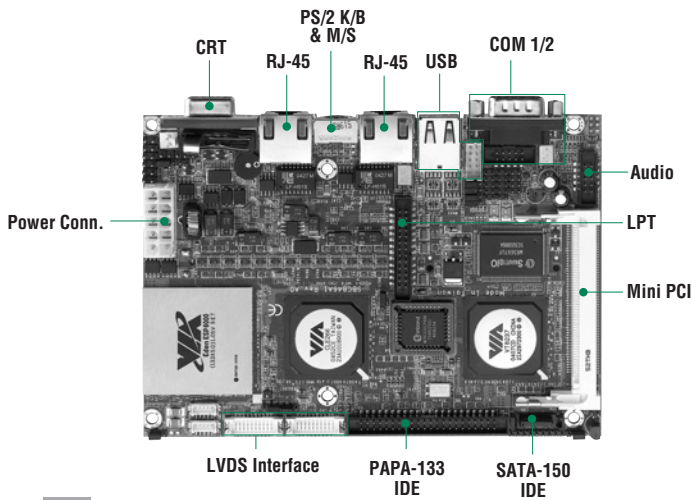


SBC846A1

Eden Embedded SBC with DualView, Dual LAN and Audio



- Dual Ethernet
- CRT/LCD
- Audio
- CompactFlash™
- PC/104
- 2 COM



Features

- ▶ Fanless low power Eden processor
- ▶ DualView with different content & resolution
- ▶ Dual Fast Ethernet
- ▶ LVDS TFT LCD direct drive
- ▶ +5V only single voltage DC-in supported

System

CPU	VIA Eden 667MHz/1GHz processor
System Memory	1 x 200-pin SODIMM max. from 512MB to 1GB
Chipset	VIA CLE266 + VT8237
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and Customer CMOS backup
SSD	CompactFlash™ Type-II socket
Board Unique ID	Board unique ID supported
Watchdog Timer	Reset supported; 255 levels
Expansion Interface	Mini PCI Type-III Socket via stacking kit
Battery	Lithium 3V/196 mAH
Size	146 x 104 mm
Temperature	0~50°C, operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

Ordering Information

Standard	
SBC846A1VEEA-1GE	Eden 1GHz SBC with CRT/LVDS LCD, Dual Fast Ethernet and Audio
SBC846A1VEEA-667	Eden 667MHz SBC with CRT/LVDS LCD, Dual Fast Ethernet and AC'97 Audio

I/O

MIO	1 x SATA-150 IDE, 1 x PATA-133 IDE, 1 x FDD, 1 x PS/2 K/B + MS, 2 x COM (1 x RS-232, 1 x RS-232/422/485), 1 x LPT, 1 x IrDA
Ethernet	Dual Fast Ethernet with Realtek RTL8100 controllers
Audio	AC'97 Codec Audio
USB	4 x USB 2.0 port
D/I/O	4-channel input and output

Packing List

Quick installation guide
Manual, driver, utility CD and cable kit (1 x 44-pin IDE, 1 x 26-pin FDD, 1 x Mini DIN-to-K/B+M/S, 1 x COM port, 1 x printer)

Display

Chipset	Integrated in VIA CLE266 North Bridge controller
Memory Size	Max. up to 64MB frame buffer sharing system memory
Resolution	*Single Display Mode: CRT: 1400 x 1050; LVDS LCD: 1400 x 1050 *DualView Mode: CRT: 1400 x 1050; LVDS LCD: 1400 x 1050
LCD Interface	CRT connector for DAC output Optional Dual LVDS LCD mode

Dimensions

