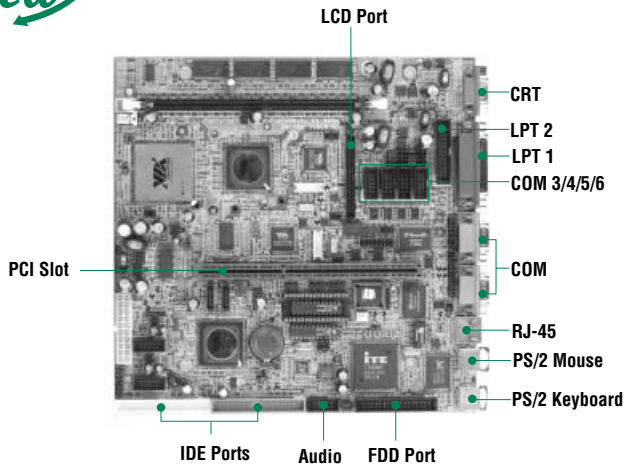


SBC856A1

LPX SBC with DualView, 6 COM, and 2 Printer Ports



New



Features



- ▶ Fanless Eden CPU family onboard
- ▶ DDR Memory Onboard
- ▶ DualView with different content & resolution
- ▶ Max. up to 6 COM ports for transaction terminals
- ▶ NVRAM for data security
- ▶ Digital I/O for Cash Drawer

Packing List

Quick installation guide
Manual, driver, utility CD and cable kit (1*40-pin IDE, 1*34-pin FDD)

Ordering Information

Standard	
SBC856A1VEA-800	C3 800MHz SBC with 128MB DDR, CRT/TFT LCD, Fast Ethernet, AC'97 Audio, 6 COM ports and 2 printer ports, NVRAM and I/O
SBC836A1VEA-800L	C3 800MHz SBC with 128MB DDR, CRT/TFT LCD, Fast Ethernet, AC'97 Audio, 4 COM ports, and 2 printer ports, NVRAM and D/I/O
Optional	
SBC836A1VLEA-800	C3 800MHz SBC with 128MB DDR, CRT/Dual LVDS LCD, Fast Ethernet, AC'97 Audio, 6 COM ports, and 2 printer ports
59380703000L	2 x COM ports Cable
PK8980	LCD Kit for 18-bit TTL LCD with Hirose DF9-41P-1V connector

System

CPU	VIA Eden/C3 CPUs 400/667/800/1GHz with 100/133MHz FSB
System Memory	Bank 0 as onboard DDR266 64/128MB Bank 1 as 184-pin DDR DIMM max. up to 1GB
Chipset	VIA CLE266 + VT8237
BIOS	Phoenix-award 4Mbit with RPL/PXE LAN boot ROM, SmartView and customer CMOS backup
SSD	Socket for NVRAM (max. up to 4Mbit) and DiskOnChip® for up-to-date capacity
Board Unique ID	Board unique ID supported
Watchdog Timer	0.5~1600 sec with 64 levels; system reset or NMI
Expansion Interface	PCI extension slot for 2 PCI masters
Battery	Lithium 3V/196 mAH
Size/Weight	220 x 225 mm
Temperature	0~60°, operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	2x PATA-133 IDE, 2x SATA-150 (optional), 1x FDD, 1x PS/2 K/B, 1xPS/2 MS, 4-6x COM (3-5x RS-232, 1x RS-232/422/485), 2x LPT, 1x IrDA
Ethernet	Realtek RTL8100C Fast Ethernet controllers
Audio	AC'97 Codec Audio
USB	4x USB 2.0 ports via box-header for wiring solution

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: 1400x1050; LCD: 1280x1024 DualView Mode: CRT: 1400x1050; LCD: 1280x1024
Output Interface	CRT connector for DAC output TTL/LVDs LCD interface Optional Dual LVDS LCD mode

Dimensions

