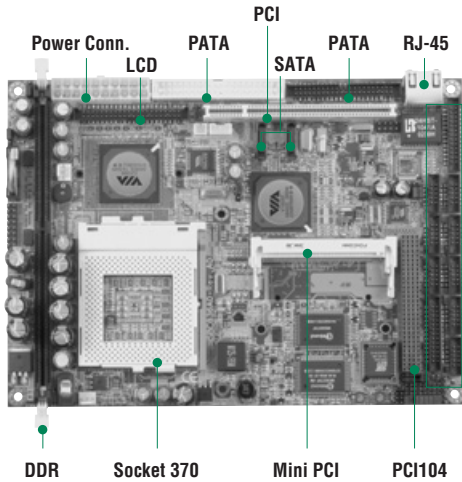


# SBC836A0

Socket 370 Embedded SBC with DualView, 4 COM and SATA-150



CRT  
KB+MS  
Audio  
USB 1/2  
USB 3/4  
COM1  
COM4  
COM2  
LPT  
COM3

- Socket 370
- Ethernet
- DualView
- AC'97 Audio
- PCI104 & Mini PCI
- PCI
- 4 COM



## Features

- ▶ Socket 370 Pentium® III/Celeron® compliant
- ▶ DualView with different content & resolution
- ▶ 4 COM ports for transaction terminal applications
- ▶ PATA-133, Serial ATA-150 supported
- ▶ PCI, PCI-104 and Mini PCI expansion interfaces

## Packing List

Quick installation guide  
Manual, driver & utility CD

## System

CPU	Socket 370 for Intel® Pentium® III, Celeron® and VIA C3 CPUs from 533~1.26GHz with 100/133MHz FSB
System Memory	1 x 184-pin DDR DIMM max. up to 1GB
Chipset	VIA CLE266 + VT8237R PLUS
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and Customer CMOS Backup
SSD	CompactFlash™ Type-II Socket with DMA supported
Watchdog Timer	Reset supported; 255 levels, 0~255 second
Expansion Interface	PCI expansion slot for 2 PCI Masters Mini PCI Type-III Socket PCI104 Interface
Battery	Lithium 3V/196 mA
Size	203 x 146 mm
Temperature	0~60°C, operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

## I/O

MIO	2 x PATA-133 IDE, 2 x SATA-150 IDE, 1 x FDD, 1 x PS/2 K/B, 1 x PS/2 MS, 4 x COM (3 x RS-232, 1 x RS-232/422/485) with auto flow control, 1 x LPT, 1 x IrDA
Ethernet	Realtek RTL8100C Fast Ethernet controllers; optional with RTL8110S Gigabit Ethernet
Audio	AC'97 Codec Audio
USB	4 x USB 2.0 port 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: 1400 x 1050; LCD: 1280 x 1024 DualView Mode: CRT: 1400x1050; LCD: 1280 x 1024
Output Interface	CRT connector for DAC output LCD interface for TTL up to 24-bit TFT LCD LCD interface for LVDS up to 18-bit TFT LCD Optional 2 <sup>nd</sup> LVDS LCD

## Ordering Information

Standard	
SBC836A0VEA	With CRT/TFT LCD, Fast Ethernet (RTL8100C), AC'97 Audio and 4 COM ports
Optional	
SBC836A0VLEA	With CRT/Dual LVDS LCD, Fast Ethernet (RTL8100C), AC'97 Audio and 4 COM ports
CK9A001	1 x PS/2 KB-MS cable, 1 x Y-type PS/2 KB+MS adapter, 1 x CRT cable
CK9A002	1 x 44pin-to-44 & 40-pin IDE cable, 1 x 40pin-to-40pin DMA66/100 IDE cable, 2 x SATA-150 cable, 1 x 26pin FDD cable, 1 x 26pin FDD Reverse cable, 2 x COM cable, 1 x LPT Cable
CK9A003	1 x Audio cable with game port, 4 x USB 2.0 cable

## Dimensions

