

# SBC82702

ISA VIA V4 CPU Card with DualView, Dual Fast Ethernet and SATA

# 4

Single Board Computers



SBC Services and Solutions

System-on-a-Module Solutions

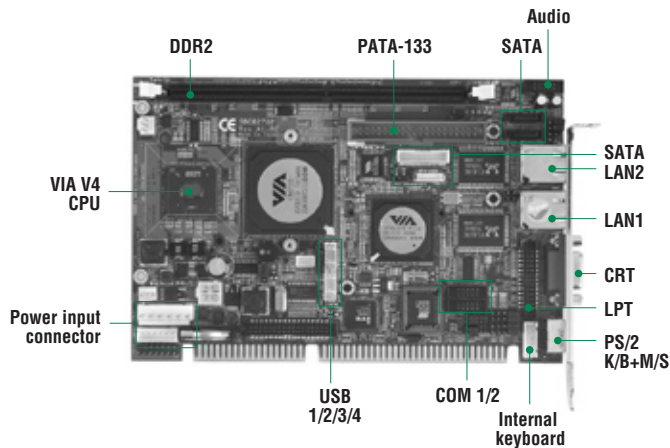
Embedded Single Board Computers

Industrial Motherboards

Slot CPU Cards

Accessories

Appendix



## System

CPU	VIA V4 compliant Eden/C7 processor
System Memory	1 x 240-pin DDR2 DIMM max. up to 1GB
Chipset	VIA CN700+VT8237R PLUS+ITE8888G
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and customer CMOS backup
SSD	CompactFlash™ type-II socket
Watchdog Timer	Reset supported; 255 levels, 1~255 seconds
Battery	Lithium 3V/196 mAH
Size	185 x 122 mm
Temperature	0~60°C, operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

## I/O

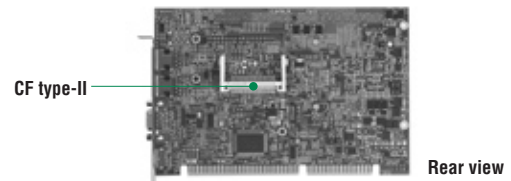
MIO	2 x SATA-150 IDE, 1 x PATA-133 IDE, 1 x FDD, 1 x PS/2 K/B + MS, 2 x COM (1 x RS-232/422/485 & 1 x RS-232)
SMBus	System Management Bus for advanced monitoring/control interface
Ethernet	Onboard two Realtek RTL8100C Fast Ethernet controller; optional with RTL8110SC for Gigabit Ethernet
Audio	AC'97 codec audio
USB	4 USB 2.0 ports via box-header for wiring solution

## Display

Chipset	Integrated in VIA CN700
Memory Size	Max. up to 64MB frame buffer sharing system memory
Resolution	CRT: 1600 x 1200 LVDS LCD: 1600 x 1200
Output Interface	* CRT connector with D-Sub 15-pin connector * LVDS LCD with 40-pin connector and inverter control interface

## Features

- ▶ Low power fanless V4 Eden/C7 processor
- ▶ VIA CN700+VT8237R PLUS+ITE8888G chipset
- ▶ DualView with different content & resolution
- ▶ CRT and LVDS display supported
- ▶ Dual Fast Ethernet supported



## Packing List

Standard				
Quick installation guide, manual, driver, utility CD				
Cable				
Part Number	Description	SBC82702 VEEA-500E	SBC82702 VEEA-1G	SBC82702 VEEA-1.5G
		Qty	Qty	Qty
59382601000E	Ultra DMA66 IDE cable 40-pin 455mm	1	1	1
593826A0000E	SATA single cable 500mm	1	1	1
59382631000E	2 x USB 2.0 wafer cable w/ bracket 180mm	2	2	2
59384500000E	COM + printer cable w/ bracket 2.0 pitch	1	1	1
59384500100E	Audio cable w/ bracket 2.0 pitch 450mm	1	1	1

## Ordering Information

Standard	
SBC82702VEEA-1G	Half-size SBC with V4 C7 1GHz CPU, CRT/LVDS LCD, dual Fast Ethernet, AC'97 audio and 2 COM ports