

SMB-860VA

**Socket 370
Pentium III/
Cyrrix III Half-size
SBC with
VGA/LCD/LAN/
PC104/PCI Bus**

Features

- ◆ High performance Socket 370 Intel Pentium III Coppermine™/Celeron processor and low-voltage VIA-C3 up to 1GHz
- ◆ Support PC-100/PC-133 system memory up to 512MB
- ◆ Integrated S3 Savage4 2D/3D AGP-4x Graphic accelerator with VGA/LCD connector
- ◆ One type II Compact Flash™ Carriage for IBM Microdrive compact size HDD

Specification

CPU

- ◆ Socket 370 Intel Celeron/Coppermine™ Processor and VIA-C3 up to 1GHz 66/100/133 Mhz CPU Front Side Bus (FSB)

Chipset

- ◆ VIA 8605 Chipset with Savage4 2D/3D Graphics Accelerator
- ◆ VT82C686B Integrated with Super I/O Controller, Hardware Monitor

System BIOS

- ◆ 256K Bytes Award PnP Flash ROM BIOS with Y2K compliance

Operating System

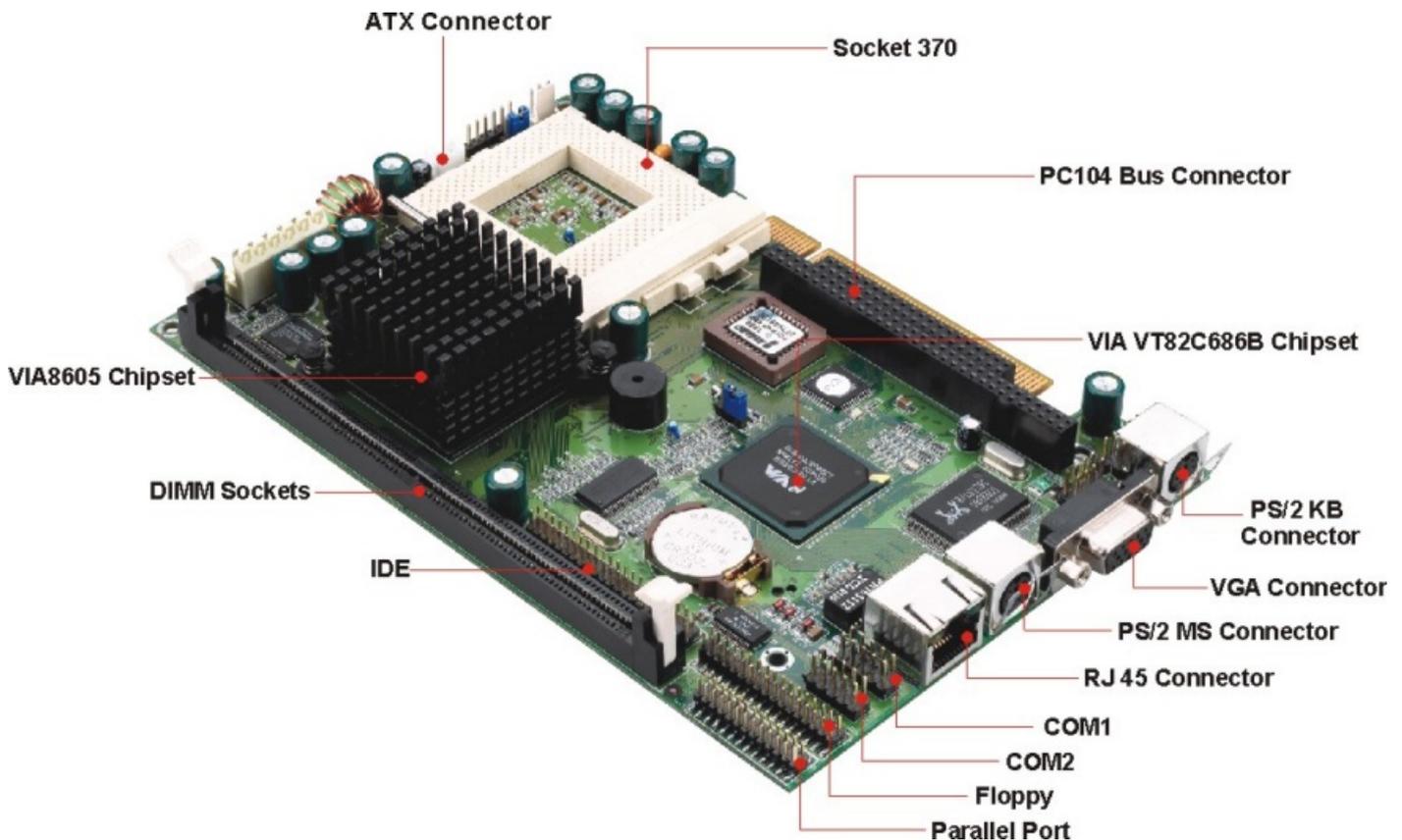
- ◆ DOS 6.22 or Above Version
- ◆ Windows 98 or Above Version
- ◆ Windows NT 4.0 or Above Version
- ◆ QNX 4.24
- ◆ OS/2 4.0
- ◆ Linux

Cache Memory

- ◆ 128KB in Celeron Processor and 256KB in Pentium III Processor

System Memory

- ◆ One 168-pin DIMM Socket Support Memory up to 512MB



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Specification

IDE Interface

- ◆ Support ATAPI compliant devices including DVD devices
- ◆ One channel supporting two enhanced IDE devices with 2.0mm 44pin header

SSD

- ◆ One type II CompactFlash Carriage supports IBM Microdrive compact size HDD

Serial Port

- ◆ Two internal high speed 16550 fast UART serial ports

IrDA Port

- ◆ One 115Kbps IrDA compliant serial IR interface

USB Port

- ◆ Dual USB ports with 5x2 header
- ◆ USB v1.1 and Intel Universal HCI v1.1 compatible

KB/Mouse Connector

- ◆ Mini-DIN connector supports keyboard and mouse

Graphic and Video

- ◆ Integrated S3 Accelerator Savage4 2D/3D/Video Accelerator
- ◆ Full AGP 4X Specification Rev. 2.0 Compliant
- ◆ 2 to 32MB Frame Buffer Using System Memory
- ◆ 2D/3D Resolutions up to 1920x1440
- ◆ Digital visual Interface (DVI) 1.0 Compliant

PanelLink (optional function)

- ◆ Silicon Image SiL164 PanelLink Digital Transmitter, Supports Cable Distance Over 5m with Twisted Pair (optional accessory)
- ◆ 12-bit Digital Interface for Flat Panel Encoders, Support for All Resolutions up to 1280x1024
- ◆ Scalable Band Width: Ranging from 25~165MHz

LAN

- ◆ Realtek 8139C Fast Ethernet Controller
- ◆ Supports 10/100 Mbps Data Transfer Rate
- ◆ External Shielded RJ-45 Modular Jacks with LED Indicator

FDD Interface

- ◆ Supports one channel for two 5.25" or 3.5" Floppy Drivers

Watchdog Timer

- ◆ Software programmable Watchdog Timer
- ◆ Timeout intervals range from 2 to 32 seconds

H/W Status Monitoring

- ◆ Supports 5 positive voltage, 3 temperature, and two fan-speed monitoring

Real Time Clock

- ◆ 256 bytes chip built-in CMOS SRAM
- ◆ Backup by non-rechargeable Lithium cell battery

PC/104 expansion

- ◆ 104-pin 16-bit PC/104 module connector

Power Requirement

- ◆ 5Vx10A, 12Vx0.5A

Temperature

- ◆ Operating: 32 to 140°F (0 to 60°C)

Dimension

- ◆ 5.75" x 8" (185x122mm)

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