

Socket 370
PCI Interface
Single Board Computer

SBC-8260

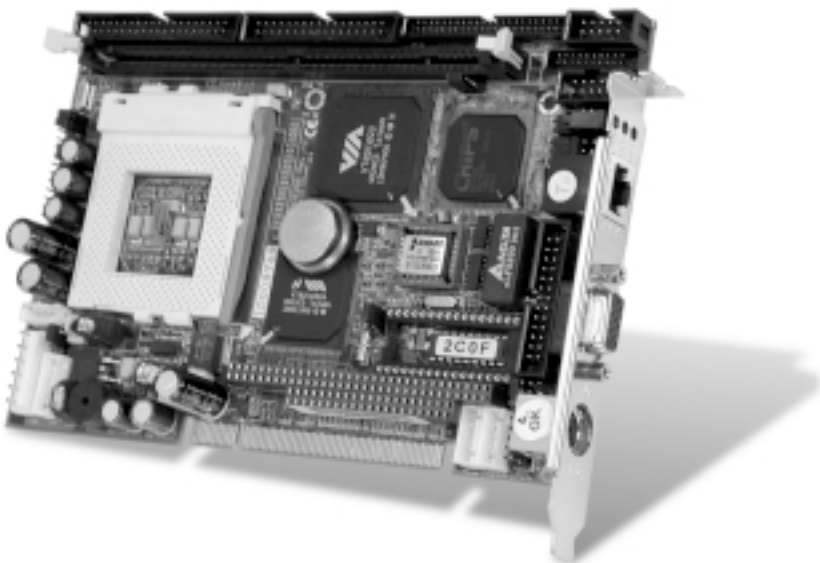
SBC-8260 is a single board computer supporting Intel Celeron and Pentium III processors on a ZIF Socket 370. It features on-board VGA controller, I/O interfaces, solid state Disk-On-Chip socket, PC/104 interface and a host of industrial features. SBC-8260 provides a powerful solution for embedded system application such as POS systems, panel PCs, industrial control, etc.

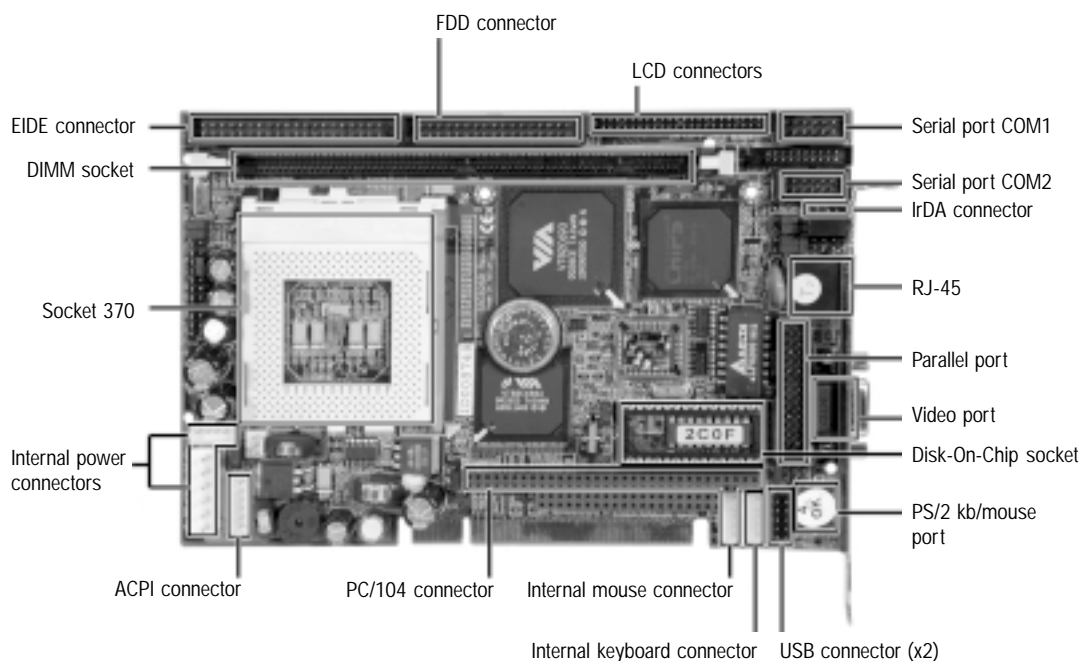
SBC-8260 is a half-size PCI form factor board. It accommodates up to 256MB SDRAM and ECC/parity checking

through a single 168-pin DIMM sockets. Its on-board AGP local bus VGA chip supports CRTs at 1280x1024 resolution and LCD flat panels at 1024x768 resolution with 16-bit color depth. An enhanced IDE interface supports Ultra DMA33/66 and two devices. Furthermore, a highly integrated multi-mode input/output chip provides two high speed serial ports, one bi-directional parallel port, USB, IrDA and PS/2 keyboard/mouse ports.

Features

- Socket 370 supporting Intel Celeron and Pentium III processors.
- 66/100/133MHz bus clock.
- Award 2Mb PnP Flash BIOS with SmartView VGA BIOS function. Integrated ethernet Novell boot ROM function.
- One 16-bit PC/104 connector.
- Two 16550 UARTs ports with COM1 as RS-232 and one jumper selectable RS-232/422/485.
- One parallel port with ECP/EPP/SPP supported. LS-120 supported.
- Realtek 8139 ethernet controller, 10/100Base-T supported.
- C&T 69000 AGP CRT/LCD VGA controller. 2MB SDRAM integrated in chip.
- Watchdog Timer: System reset or Non-Maskable interrupt software programmable time interval and jumper selectable (64 levels).
- SSD: M-Systems DiskOnChip supported 2~144MB.
- ACPI (Advanced Configuration and Power Interface).





SBC-8260 Series

Specifications

Processor Subsystem

- VIA VT82C693A, VT82C686A core logic controller.
- Socket 370 supporting Intel Celeron up to 533MHz and Pentium III processors up to 550MHz.
- 66/100/133MHz bus clock.
- Award 2Mb PnP Flash BIOS with SmartView VGA BIOS function. Integrated Ethernet Novell boot ROM function.
- One 168-pin DIMM socket, up to 256MB SDRAM with ECC supported.

Disk I/O

- One EIDE channel supporting two devices. PIO modes 0-4, DMA modes 0-2 and Ultra DMA-33/66 supported.
- FDD interface supports up to two drives. LS-120 and ZIP bootable.

I/O Devices

- One 16-bit PC/104 connector.
- Two 16550 UARTs ports with COM1 as RS-232 and one jumper selectable RS-232/422/485.
- One parallel port with ECP/EPP/SPP supported. LS-120 supported.
- Keyboard and PS/2 mouse shared external 6-pin Mini-Din connector. Internal 5 pin box-

header for mouse and internal 5-pin box-header for keyboard.

- Two USB ports with fuse protection. USB spec rev.1.0A compliant.
- One IrDA pin-header for wireless communication.
- Realtek 8139 ethernet controller, 10/100Base-T supported. Wake On LAN supported and RJ-45 connector equipped

Video Subsystem

- C&T 69000 AGP CRT/LCD VGA controller.
- 2MB SDRAM integrated in chip.
- Non-interlaced CRT monitor up to 1280 x 1024 @ 256 colors. LCD Panel up to 1024 x 768 @ 16-bit color depth.

Other Features

- Watchdog Timer: System reset or Non-Maskable interrupt software programmable time interval and jumper selectable (64 levels).
- SSD: M-Systems DiskOnChip supported 2~144MB.
- Hardware Monitoring: Monitoring for CPU/ System temperature, System voltage and Chassis/FAN speed.
- ACPI (Advanced Configuration and Power Interface).

Ordering Guide

SBC-8260VE:

SBC W/Built-in VGA/LAN

Vox Technologies
 1180 Commerce Drive
 Richardson Texas 75081 USA
 Tel: +1-972-234-4343
 Fax: +1-972-234-4295
<http://www.voxtechnologies.com>