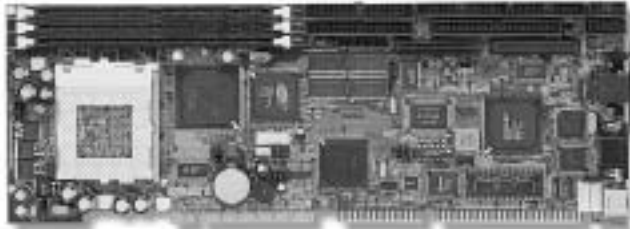


# SBC8163VES

Socket 370 Pentium® III/Celeron™ SBC with VGA/LAN/SCSI



## FEATURES

- ▶ Intel® 440BX AGPset supports FSB 100MHz
- ▶ Three DIMM sockets support up to 768MB SDRAM
- ▶ ATi Rage XL AGP VGA with 8MB video memory
- ▶ Onboard 10/100BASE-T, Wake On LAN support
- ▶ Onboard Ultra3 SCSI
- ▶ ISA high drive support
- ▶ Onboard DiskOnChip® socket

## SPECIFICATIONS

<b>Processor/Cache</b>	Intel® Pentium® III processors up to 1GHz with L2 cache integrated in CPU Intel® Celeron™ processors up to 1GHz with L2 cache integrated in CPU
<b>Chipset</b>	Intel® 82440BX AGPset
<b>System Memory</b>	Three DIMM sockets for up to 768MB of SDRAM with ECC support
<b>BIOS</b>	Award 2Mbit PnP Flash BIOS
<b>EIDE</b>	Two independent channels for a total of four IDE devices; ATA-33 support
<b>Super I/O</b>	Controller: Winbond W83977 Serial port: two asynchronous, 1 x RS-232/1 x RS-232/422/485, 10-pin Parallel port: one bi-directional with ECP/EPP/SPP support, 26-pin Floppy controller: supports for two drives (1.44MB for each) Keyboard/mouse: 6-pin Mini-DIN connector for mouse or keyboard One internal 5-pin box-header for mouse One internal 5-pin box-header for keyboard
<b>USB</b>	Two USB ports
<b>IrDA</b>	One IrDA pin-header for wireless communications
<b>VGA</b>	Controller: ATi Rage XL AGP CRT VGA controller Max. resolution: 1600 x 1280 @16.7 million colors Graphic memory: Onboard 8MB SDRAM
<b>LAN</b>	Controller: Intel® 82559 Supports 10/100BASE-T; RJ-45 output; Wake On LAN support
<b>SCSI</b>	Controller: LSI SYMBIOS SYM53C1010 SCSI devices: two Ultra3 SCSI channels support up to 30 devices SCSI type support: Ultra3 SCSI with two 68-pin connectors SCSI bus transfer: Sync 160MB/sec
<b>Connectors</b>	D-type: CRT (female DB-15); LAN (RJ-45); PS/2 mouse and PS/2 keyboard Pin-header: USB (2 x 5-pin); serial port (2 x 10-pin); parallel port (1 x 26-pin); FDD (1 x 34-pin); EIDE (2 x 40-pin); SCSI (2 x 68-pin & 1 x 50-pin); PS/2 mouse (1 x 5-pin); PS/2 keyboard (1 x 5-pin)
<b>SSD</b>	Onboard DiskOnChip® socket
<b>Hardware Monitoring</b>	Detection of CPU temperature, system temperature, power failure and fan failure
<b>Watchdog Timer</b>	System reset or non-maskable interrupt software programmable time interval and jumper selectable (64-level)
<b>Other Features</b>	ISA drive up to 64mA
<b>OS Compatibility</b>	PC and MS-DOS®; Windows® 98; Windows® NT 4.0; Windows® 2000; Windows® XP; Novell Netware; QNX; Linux Red Hat; Salaris UNIX
<b>MTBF</b>	GEM reports at least 50,000 hours
<b>Mechanical</b>	338 x 122mm (13.3" x 4.8") Conforms to PCI Rev. 2.1 and PICMG Rev.2.0 standard
<b>Environmental</b>	Operating temperature: 0°C to 60°C (32°F to 140°F); storage temperature: -10°C to 80°C (14°F to 176°F) Relative humidity: 95% non-condensing at temperature of 40°C or 104°F

## ORDERING INFORMATION

Models Names	HISA	VGA	SCSI	LAN
SBC8163VES	^	^	^	Single
SBC8163VE	^	^	X	Single
SBC8163V	^	^	X	X

## PACKING LIST

3.5" FDD cable x 1
3.5" HDD cable x 1
COM, printer extension cable with bracket x 1
PS/2 keyboard/mouse adapter x 1
Jumper pack x 1
Quick manual x 1
Utility CD x 1
68-pin Ultra3 wide SCSI cable x 1 (SBC8163VES only)
SCSI driver disk x 1 (SBC8163VES only)

## ACCESSORY OPTIONS

USB cable