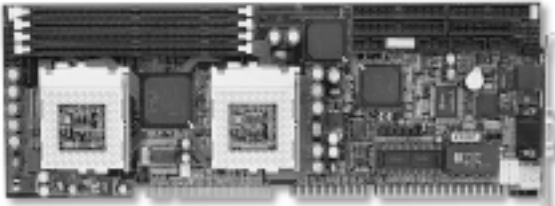


# SBC8179VE

## Dual Socket 370 Pentium<sup>®</sup> III SBC with CRT/LCD/LAN

### FEATURES



- ◆ Intel<sup>®</sup> 440BX AGPset supports FSB 100MHz
- ◆ Dual Pentium<sup>®</sup> III processors support
- ◆ Four DIMM sockets support up to 1GB SDRAM
- ◆ C&T 69000 AGP VGA controller supports CRT/LCD with onboard 2MB video memory
- ◆ Onboard 10/100BASE-T, Wake On LAN support
- ◆ ISA High Drive support
- ◆ Onboard DiskOnChip<sup>®</sup> socket

### SPECIFICATIONS

<b>Processor/Cache</b>	Intel <sup>®</sup> Pentium <sup>®</sup> III processors up to 1GHz with 256KB of L2 cache
<b>Chipset</b>	Intel <sup>®</sup> 82440BX AGPset
<b>System Memory</b>	Four DIMM sockets for up to 1GB 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 Ports: 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: C&T 69000 AGP VGA controller Max. Resolution: CRT up to 1280 x 1024 @ 256 colors LCD up to 1024 x 768 @ 16 bit colors
<b>LAN</b>	Graphic Memory: Onboard 2MB SDRAM Controller: Intel <sup>®</sup> 82559 Supports 10/100BASE-T; RJ-45 output Wake On LAN support
<b>Connectors</b>	D-type: CRT (female DB-15); LAN (RJ-45); PS/2 Mouse and PS/2 Keyboard Pin-header: LCD (1 x 44-pin & 1 x 20-pin); 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); PS/2 Mouse (1 x 5-pin); PS/2 Keyboard (1 x 5-pin)
<b>SSD</b>	Onboard DiskOnChip <sup>®</sup> 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>ISA High Drive</b>	ISA drive up to 64mA
<b>OS Compatibility</b>	PC and MS-DOS <sup>™</sup> ; Windows <sup>®</sup> 98; Windows <sup>®</sup> NT 4.0; Windows <sup>®</sup> 2000; Windows <sup>®</sup> XP; Novell Netware; 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")
<b>Environmental</b>	Conforms to IEEE P996 PC/AT bus, PCI Rev. 2.1 and PICMG Rev.2.0 standards Operating Temperature: 0 <sup>°</sup> C to 60 <sup>°</sup> C (32 <sup>°</sup> F to 140 <sup>°</sup> F); Storage Temperature: -10 <sup>°</sup> C to 80 <sup>°</sup> C (14 <sup>°</sup> F to 176 <sup>°</sup> F) Relative Humidity: 95%, non-condensing at temperature of 40 <sup>°</sup> C or 104 <sup>°</sup> F

### ORDERING INFORMATION

<b>SBC8179VE</b>	Dual Socket 370 Pentium <sup>®</sup> III SBC with CRT/LCD/LAN
<b>SBC8179V</b>	Dual Socket 370 Pentium <sup>®</sup> III SBC with CRT/LCD