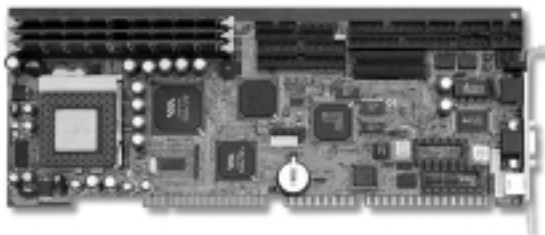# SBC8161VES

Socket 370 Celeron™/ Pentium¤ III SBC with CRT/LCD/LAN/SCSI

FEATURES

◆ VIA 693/686A chipset supports FSB 133MHz
◆ Celeron™/Pentium¤ III processor support
◆ Three DIMM sockets support up to 1.5GB SDRAM
◆ C&T 69000 AGP VGA controller with 2MB video memory
  (Optional 4MB)
◆ Onboard 10/100BASE-T, Wake On LAN support
◆ Onboard Ultra2 Wide SCSI
◆ ISA High Drive support
◆ Onboard DiskOnChip¤ socket

SPECIFICATIONS

Processor/Cache	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
Chipset	VIA 693A/686A chipset
System Memory	Three DIMM sockets for up to 1.5GB of SDRAM with ECC support
BIOS	Award 2Mbit PnP Flash BIOS
EIDE	Two independent channels for a total of four IDE devices; ATA-33/66 support
Super I/O	Controller: Integrated in VIA686A (South Bridge)
	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
USB	Two USB ports
IrDA	One IrDA pin-header for wireless communications
VGA	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
	Graphic Memory: Onboard 2MB SDRAM (Optional 4MB)
LAN	Controller: Realtek 8139C
	Supports 10/100BASE-T; RJ-45 output; Wake On LAN support
SCSI	Controller: Adaptec AIC 7890 & AIC 3860
	SCSI Devices: One Ultra2 Wide SCSI channel supports up to 15 devices
	SCSI Type Support: Ultra2 Wide SCSI and Ultra Wide SCSI with two 68-pin connectors
	SCSI Bus Transfer: Sync 80MB/sec
Connectors	D-type: CRT (female DB-15); LAN (RJ-45); PS/2 Mouse and PS/2 Keyboard
	Pin-heared: 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); SCSI (2 x 68-pin & 1 x 50-pin)
	PS/2 Mouse (1 x 5-pin); PS/2 Keyboard (1 x 5-pin)
SSD	Onboard DiskOnChip¤ socket
Hardware Monitoring	Detection of CPU temperature, system temperature, power failure and fan failure
Watchdog Timer	System reset or non-maskable interrupt software programmable time internal and jumper selectable (64-level)
ISA High Drive	ISA drive up to 64mA
OS Compatibility	PC and MS-DOS™; Windows¤ 98; Windows¤ NT 4.0; Windows¤ 2000;
	Novell Netware; Linux Red Hat; Salaris UNIX
MTBF	GEM reports at least 50,000 hours
Mechanical	338 x 122mm (13.3" x 4.8")
	Conforms to IEEE P996 PC/AT bus, PCI Rev. 2.1 and PICMG Rev.2.0 standards

ORDERING INFORMATION

SBC8161VES Socket 370 Celeron™ / Pentium¤ III SBC with CRT/LCD/LAN/Ultra2 Wide SCSI
SBC8161VE Socket 370 Celeron™ / Pentium¤ III SBC with CRT/LCD/LAN
SBC8161V Socket 370 Celeron™ / Pentium¤ III SBC with CRT/LCD

Note: All specifications are subject to change without notice.