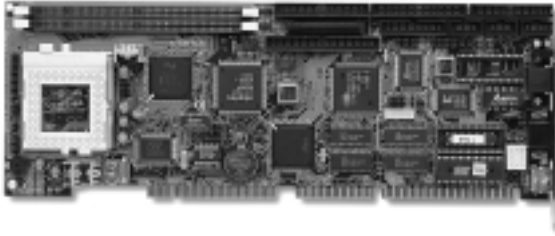


SBC8156VES

Socket 7 Pentium[®] SBC with CRT/LAN/SCSI

FEATURES



- ◆ Intel[®] 430TX chipset supports FSB 66MHz
- ◆ Pentium[®] MMX, AMD K6/K6-2 processors support
- ◆ Two DIMM sockets support up to 256MB SDRAM
- ◆ Cirrus Logic GD5446 PCI VGA controller with 2MB video memory
- ◆ Onboard 10/100BASE-T
- ◆ Onboard Ultra Wide SCSI
- ◆ Onboard DiskOnChip[®] socket

SPECIFICATIONS

Processor/Cache	Intel [®] Pentium [®] MMX, AMD K6/K6-2 processors
Cache	512KB L2 cache RAM
Chipset	Intel [®] 430TX chipset
System Memory	Two DIMM sockets for up to 256MB of SDRAM
BIOS	Award 2MB PnP Flash BIOS
EIDE	Two independent channels for a total of four IDE devices; ATA-33 support
Super I/O	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: Support 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: Cirrus Logic GD5446 PCI VGA controller Max. Resolution: 1280 x 1024 @ 256 colors Graphic Memory: Onboard 2MB SDRAM
LAN	Controller: Realtek 8139 Supports 10/100BASE-T; RJ-45 output
SCSI	Controller: Adaptec AIC 7880 SCSI Devices: One Ultra Wide SCSI channel supports up to 15 devices SCSI Type Support: Ultra Wide SCSI with one 68-pin and 50-pin connectors SCSI Bus Transfer: Sync 40MB/sec
Connectors	D-type: CRT (female DB-15); LAN (RJ-45); PS/2 Mouse and PS/2 Keyboard; Pin-header: PS/2 Mouse (1 x 5-pin); PS/2 Keyboard (1 x 5-pin); USB (2 x 5-pin); Serial Ports (2 x 10-pin); Parallel Port (1 x 26-pin); FDD (1 x 34-pin); EIDE (2 x 40-pin); Ultra Wide SCSI & Ultra Narrow SCSI (1 x 68-pin & 1 x 50-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 [®] 3.x; Windows [®] 95; Windows [®] 98; Windows [®] NT 4.0, Windows [®] 2000; Novell Netware; QNX [™] ; Linux Red Hat; Solaris 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
Environmental	Operating Temperature: 0 [°] C to 60 [°] C (32 [°] F to 140 [°] F); Storage Temperature: -20 [°] C to 85 [°] C (-4 [°] F to 185 [°] F) non-condensing at temperature of 40 [°] C or 104 [°] F

ORDERING INFORMATION

SBC8156VES	Socket 7 Pentium [®] SBC with CRT/LAN/SCSI (Manufacture Option)
SBC8156VE	Socket 7 Pentium [®] SBC with CRT/LAN
SBC8156V	Socket 7 Pentium [®] SBC with CRT