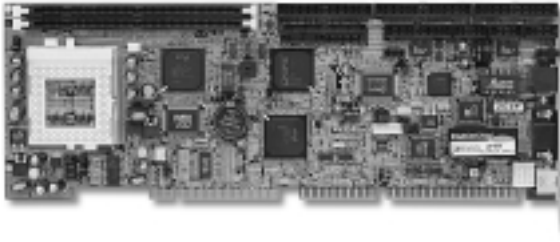


SBC8157VE

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

FEATURES



- ◆ Intel[®] 430TX chipset supports FSB 66MHz
- ◆ Pentium[®] MMX, AMD K6/K6-2 processors support
- ◆ Two DIMM sockets support up to 256MB SDRAM
- ◆ C&T 69000 AGP VGA controller with 2MB video memory
- ◆ Onboard 10/100BASE-T
- ◆ Wake On LAN support
- ◆ Onboard DiskOnChip[®] socket

SPECIFICATIONS

Processor	Intel [®] Pentium [®] MMX, Low-power Intel [®] Pentium [®] MMX AMD K6/K6-2
Cache	512KB L2 cache RAM
Chipset	Intel [®] 430TX chipset
System Memory	Two DIMM sockets for up to 256MB of SDRAM
BIOS	Award 2Mbit PnP Flash BIOS
EIDE	Two independent channels for a total of four IDE devices; ATA-33 support
Super I/O	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
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
LAN	Controller: Realtek 8139 Supports 10/100BASE-T; RJ-45 output; Wake On LAN support
Connectors	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); PS/2 Mouse (1 x 5-pin); PS/2 Keyboard (1 x 5-pin); USB (2 x 5-pin bonded in 1 x 10-pin); Serial Port (2 x 10-pin); Parallel Port (1 x 26-pin); FDD (1 x 34-pin); EIDE (2 x 40-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 interval 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; 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
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

- SBC8157VE** Socket 7 Low-power Pentium[®] SBC with CRT/LCD/LAN
SBC8157V Socket 7 Low-power Pentium[®] SBC with CRT/LCD