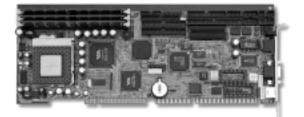
SBC8161VES

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 DiskOnChipⁿ socket

SPECIFICATIONS

| ChipsetVIA 693A/686A chipsetSystem MemoryThree DIMM sockets for up to 1.5GB of SDRAM with ECC supportBIOSAward 2Mbit PrP Flash BIOSEIDETwo independent channels for a total of four IDE devices; ATA-33/66 supportSuper I/OController: Integrated in VIA686A (South Bridge)Serial Ports: Two asynchronous, 1 x RS-232/1 x RS-232/422/485, 10-pinParallel Port: One bi-directional with ECP/EPP/SPP support, 26-pinFloppy Controller: Supports for two drives (1 44MB for each)Keyboard/Mouse: 6-pin Mini-DIN connector for mouse or keyboardOne internal 5-pin box-header for mouseOne internal 5-pin box-header for mouseGraphic Memory: Onboard 2MB SDRAM (Optional 4MB)LANController: Realtek 8139CSCSISCSI Devices: One Ultra2 Wide SCSI and Ultra Wide SCSI with two 68-pin connectorsSCSI Devices: One Ultra2 Wide SCSI and Ultra Wide SCSI with two 68-pin connectorsSCSI Dus Transfer: Sync 80MB/secConnectorsD-type: CRT (female DB-15); LAN (RJ-45); PS/2 Mouse and PS/2 KeyboardPin-heared: LCD (1 x 44-pin § 1 x 20-pin); SCSI (2 x 63-pin) § erial Port (2 x 10-pin); Parallel Port (1 x 26-pin); FDD (1 x 34-pin); EIDE (2 x 40-pin); | Processor/Cach | 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 |
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| System Memory BIOSThree DIMM sockets for up to 1.5GB of SDRAM with ECC supportBIOSAward 2Mbit PnP Flash BIOSEIDETwo independent channels for a total of four IDE devices; ATA-33/66 supportSuper I/OController: 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 | Chipset | |
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| Serial Ports: Two asynchronous, 1 x RS-232/1 x RS-232/42/485, 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 wouse One internal 5-pin box-header for keyboardUSBTwo USB portsIrDAOne IrDA pin-header for wireless communicationsVGAController: 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)LANController: Realtek 8139C Supports 10/100BASE-T; RJ-45 output; Wake On LAN supportSCSIController: Adapte AIC 780 & AIC 3860 SCSI Devices: One Ultra2 Wide SCSI and Ultra Wide SCSI with two 68-pin connectors SCSI support: Ultra2 Wide SCSI and Ultra Wide SCSI with two 68-pin connectors SCSI Bus Transfer: Sync 80MB/secConnectorsD-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) Onboard DiskOnChip" socketHardware Monitoring Watchdog Timer SA drive up to 64mADetection of CPU temperature, system temperature, power failure and fan failure System reset or non-maskable interrupt software programmable time internal and jumper selectable (64-level) ISA High DriveOS Compatibility MTBFCoda MS-DOS [™] ; Windows [®] 98; Windows [®] NT 4.0; Windows [®] 2000; Novell Netware; Linux Red Hat; Salaris UNIX MechanicalS38 x 122mm (13.3" x 4.8") | | |
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| SCSISupports 10/100BASE-T; RJ-45 output; Wake On LAN supportSCSIController: Adaptec AIC 7890 & AIC 3860 SCSI Devices: One Ultra2 Wide SCSI channel supports up to 15 devices SCSI Devices: One Ultra2 Wide SCSI and Ultra Wide SCSI with two 68-pin connectors SCSI Bus Transfer: Sync 80MB/secConnectorsD-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) Onboard DiskOnChip ^a socketSSDOnboard DiskOnChip ^a socket Detection of CPU temperature, system temperature, power failure and fan failure System reset or non-maskable interrupt software programmable time internal and jumper selectable (64-level) ISA High DriveISA High Drive OS CompatibilityPC and MS-DOS TM ; Windows ^a 98; Windows ^a NT 4.0; Windows ^a 2000; Novell Netware; Linux Red Hat; Salaris UNIX MTBF GEM reports at least 50,000 hours 338 x 122mm (13.3" x 4.8") | | |
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| | MTBF | GEM reports at least 50,000 hours |
| Conforms to IEEE P996 PC/AT bus, PCI Rev. 2.1 and PICMG Rev.2.0 standards | Mechanical | |
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