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M - F 8am - 6pm CT

SB686CBX - Industrial Computer Source SB686CBX 02-110-00059 CPU Board. PICMG | Full...



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Request Quote For Price

Part Number:	SB686CBX
Model Number:	SB686CBX
Make:	INDUSTRIAL COMPUTER SOURCE
Lead Time:	Available
Qty In Stock:	Available

Industrial Computer Source SB686CBX 02-110-00059 CPU Board. PICMG | Full Size | Pentium II/Celeron Support | COM | Parallel | USB | IDE | FDD | VGA | LAN | Optional SCSI Simple Type: CPU Board

Download the datasheet (PDF)

Quantity

For Resellers and High Volume Orders:
Please request a quote to obtain preferred pricing.

Features

- 82371EB PCI/ISA/IDE accelerator chip (PIIX4E)
- 82443BX PCI/AGP controller (PAC)

Specifications

General

- Altitude: Operating:to 10,000 ft (3,048m) pressure altitude

Related Items



SB586T
Industrial Computer Source

- Enhanced EPP and ECP modes
- Intel 440 BX AGP chipset
- Linux, and QNX
- Windows 95, 98, NT, Solaris, SCO,

- AMI Hi Flex BIOS: Plug-n-Play compatible; 2MB flash upgradeable with support for BIOS upgrade via software
- Bus Support: ISA-AT Bus: 64 mA IOL with 32mA IOH; PCI:33MHz PCI 2.1 compliant; GTL+:100 MHz or 66MHz switch selectable to match the Pentium used (see Processor Support for additional details); AGP:Accelerated Graphics Port with 100MHz local memory interface
- Cache: L2 cache onboard (dependent on Pentium processor)
- Chipset: Intel 440BX AGP chipset
- CMOS Battery: Onboard lithium 3.0V battery with diode protection circuitry
- CPU Socket: Intel Pentium II Slot 1 right-angle connector
- Dual Floppy Drive Controller: Supports 1.44MB, 1.2MB, 720K, and 360K floppy drives; Can be disabled by BIOS
- Dual Serial Ports: 16C550 compatible dual serial port controller; 16 byte receive and transmit FIFO buffers; Serial 1 RS-232 Port to DB9 at rear panel; Serial 2 RS-232 Port 10-pin shrouded; ESD protected to ±15kV; Can be disabled by BIOS
- EIDE Controller: Integrated enhanced IDE fixed disk controller on PCI local bus; Supports up to four drives: primary master and slave, secondary master and slave
- Graphics Controller: Intel740 AGP SVGA 3D Accelerated Graphics controller; 8MB high-speed, 64bit SGRAM with 100MHz interface; DB15 connector at rear panel; Peak data transfers up to 533MB/s; Integrated 24-bit 220MHz RAMDAC; Display resolutions up to 1600x1200; Graphic functionality disabled and all resources free if option not installed; Can be disabled by BIOS
- Humidity: Operating:5 to 95% RHNC
- Keyboard Connector: Controller connected to header connector; Power supplied through +5VDC self-healing fuse; Note:You may configure the keyboard as absent or present by system BIOS. If absent, you can boot the system without a keyboard attached

SB586T SBC - Socket 7 Intel Pentium



SB486PV
Industrial Computer Source SB486PV Full Size CPU Board with 80486SX



SB 586C



586TV-2854
Socket 7 Pentium PICMG CPU Board from Industrial Computer Source

- Memory: Capacity:16MB minimum to 256MB (non-ECC) or 512MB (ECC); Form factor:168-pin DIMM; DIMM socket:gold contacts; DRAM types:64/72-bit EDO; DRAM, 64/72-bit SDRAM (PC100, 100MHz); DRAM data integrity types:BIOS configurable EC, ECC, and non-ECC; DRAM type detection:Autodetection algorithm, serial presence detect mechanism
- MTBF: 110,000POH @ 25°C
- Operating Systems, 32 Bit: Windows 95, Windows 98 Second Edition – full support; Windows NT V4.0 and later, server or workstation – full support; Solaris 2.5.1 and later; QNX V4.24-video support limited to a maximum of 800 x 600 by operating system; Red Hat Linux V5.2–video support limited to 80 x 25 text mode by operating system
- Parallel Port: Single parallel port controller with bidirectional capability; Enhanced EPP and ECP modes; Connected to 26-pin shrouded header; Can be disabled by BIOS
- Processor: Intel Celeron
- Processor Support: Intel Pentium or Celeron
- Real-Time Clock: Motorola MC146818A compatible; 256 bytes of battery-backed RAM; Up to seven years of battery-backup protection; Clock source at 14.318MHz accurate to ±1720Hz
- Shock: Operating:2G, any axis
- Temperature: Operating:0 to 60°C
- Universal Serial Bus: Universal Host Controller Interface (UHCI) configuration; Dual USB connectors at the chassis rear panel via separate optional cable and bracket assembly
- Vibration: Operating:0.5G, 10 to 2000Hz, any axis
- Watchdog Timer: Forces reset if decoded I/O space is not written to within specified timeout period; +5VDC monitor:If VCC falls below 4.5VDC, a reset occurs; Programmable via software to 100ms, 250ms, or 500ms; Enable and disable by jumper or software; Note: Prefail detect IRQ signal output can be routed to IRQ10 or IRQ11 via jumper. This option triggers ISA bus IRQ if decoded I/O space is not written to within half of specified timeout period

Applications

- None Available

Aliases

- None Available

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