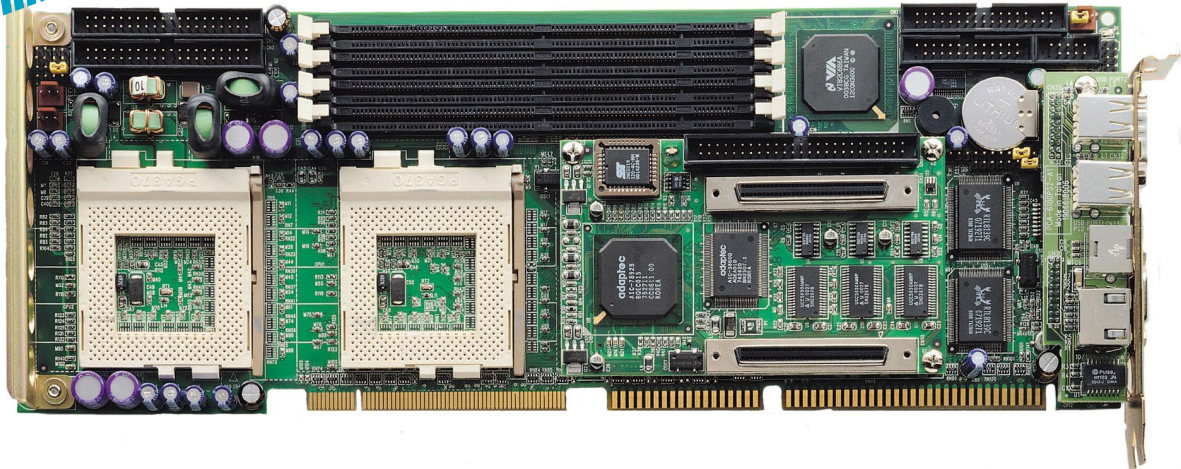


PCA-6277

Dual Socket 370 Pentium® III SBC
with VGA/Dual LAN/SCSI (133 MHz FSB)

Preliminary



Features

- Dual socket 370 Pentium® III, up to 1 GHz
- VIA Apollo Pro 133A, 100/133 MHz FSB
- On-board VGA/AGP 32 MB SDRAM
- Four DIMM sockets for SDRAM up to 2 GB, supports ECC
- On-board security for CPU fan, thermal and voltage monitoring
- Ultra 160 SCSI up to 160 MB/S
- ISA High Drive 64 mA (HISA)
- CMOS automatic backup and restore to prevent accidental data loss of BIOS setup

Specifications

- **CPU:** Intel® Pentium® III up to 1 GHz
- **2nd level cache:** 256 KB on CPU full-speed cache
- **Chipset:** VIA Apollo Pro 133A, 100/133 MHz FSB
- **BIOS:** Award Flash BIOS 2 Mb
- **Bus interface:** PCI/ISA bus, PICMG compliant
- **RAM:** Four 168-pin DIMM sockets, up to 2 GB SDRAM, supports ECC
- **LAN:** Supports dual 10/100Base-T Ethernet networking
Controller: Realtek 8139C
- **VGA/AGP:** Supports AGP 4X
Controller: ATI 3D RAGE 128 PRO™ 4XL
On-board 32 MB SDRAM.
- **SCSI:** Ultra 160 SCSI up to 160 MB/S
Chipset: Adaptec AIC-7892
Daughter board module: Single channel, provides two sets of connectors for different speeds of SCSI device.
One 68 pin SCSI connector for Ultra160/ Ultra2 SCSI
One 68 pin/50 pin SCSI connector for Ultra Wide SCSI
- **HISA:** ISA-bus high driving capability up to 64 mA on all data, address and control lines

- **Floppy disk drive interface:** Supports up to two floppy disk drives. BIOS enabled/disabled. Also supports Japanese "Floppy 3" mode
- **PCI IDE interface:** Two enhanced IDE interfaces, supports 4 IDE devices, PIO modes 4 with and Ultra DMA/66 or DMA 100 MB/sec
- **Enhanced parallel port:** Configurable to LPT1, LPT2, LPT3 or disabled. Supports SPP/EPP/ECP
- **Serial ports:** Two RS-232 ports with 16C550 UARTs (or compatible) with 16-byte FIFO buffer. Supports speeds up to 115.2 Kbps. Ports can be individually configured to COM1, COM2 or disabled
- **USB:** Four USB ports
- **Keyboard and PS/2 mouse connector:** Two 6-pin mini-DIN connector is located on the mounting bracket for easy connection to a keyboard or PS/2 mouse. An on-board keyboard pin header connector is also available
- **Watchdog timer:** Can generate a system reset or IRQ11, programmable from 1 sec. to 63 sec. Mechanical and environmental specifications
- **Operating temperature:** 0° ~ 60° C (32° ~ 140° F)
- **Power supply voltage:** +5 V, ±12 V
- **Power consumption:** Typical=+5V@ 11.8 A.-5V @ 0.1A, +12V @ 0.5A, -12V @ 0.1A (Dual Pentium III 1 GHz, 384 MB SDRAM)
- **Board size:** 338 x 122 mm (13.3" x 4.8")

Ordering Information

- **PCA-6277V**
Dual Pentium® III Socket 370 processor-based PCI/ISA-bus full-size CPU card with HISA/VGA (AGP), 32 MB VRAM
- **PCA-6277VE**
Dual Pentium® III Socket 370 processor-based PCI/ISA-bus full-size CPU card with HISA/VGA (AGP), 32 MB VRAM/Single LAN
- **PCA-6277E2**
Dual Pentium® III Socket 370 processor-based PCI/ISA-bus full-size CPU card with HISA/VGA (AGP), 32 MB VRAM/Dual LAN
- **PCA-6277F**
Dual Pentium® III Socket 370 processor-based PCI/ISA-bus full-size CPU card with HISA/SCSI/VGA (AGP), 32 MB VRAM/Dual LAN