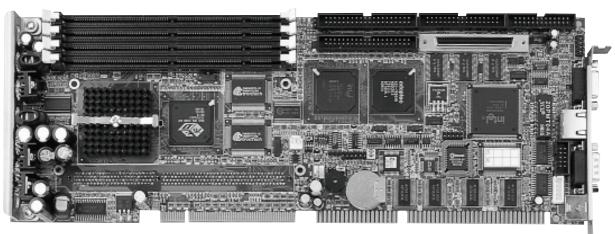
PCA-6176

100 MHz FSB Pentium® III SBC with VGA/LAN/SCSI



* The Pentium® III CPU sits parallel on the rear side

Features

- Pentium® III processor up to 900 MHz
- Intel® 82440BX PCI set, supports 100 MHz FSB
- · Four DIMM sockets for SDRAM up to 1 GB, supports ECC
- · On-board security for CPU fan, thermal and voltage monitoring
- · On-board VGA/AGP with 4 MB VRAM
- 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 900 MHz
- 2nd level cache: 512 KB on CPU cache
- Chipset: Intel $^{\circ}$ 82440BX, supports 66/100 MHz FSB
- BIOS: Award Flash BIOS 2 Mb
- Bus interface: PCI/ISA bus, PICMG compliant
- RAM: Four 168-pin DIMM sockets, up to 1 GB SDRAM supports
- LAN: Supports 10/100Base-T Ethernet networking Controller: Intel® 82558
- VGA/AGP: Supports AGP 2X, 133 MHz Controller: ATI 3D Rage Pro Turbo On-board 4 MB SGRAM
- PCI SCSI: Ultra 2 SCSI data transfer rates up to 80 MB.sec Chipset: Adaptec AIC-7890
- 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 "Hoppy 3" mode
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- PCI IDE interface: Two Enhanced IDE interfaces, supports 4 IDE devices, PIO modes 3, 4 with bus mastering up to 16 67 MB/sec and Ultra DMA mode up to 33 MB/sec
- Enhanced parallel port: Configurable to LPT1, LPT2, LPT3 or disabled. Supports SPPÆPPÆCP
- 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: Two USB ports
- Keyboard and PS/2 mouse connector: A 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: $O \sim 60^{\circ} C (32 \sim 140^{\circ} F)$
- Power supply voltage: +5 V, ±12 V
- Board size: 338 x 122 mm (133" x 4.8")

Ordering Information

□ PCA-6176L

Pentium® III processor-based PCI/ISA-bus full-size CPU card

□ PCA-6176

Pentium $^{\circ}$ III processor-based PCI/ISA-bus full-size CPU card with HISA/VGA(AGP)

□ PCA-6176S

Pentium $^\circ$ III processor-based PCI/ISA-bus full-size CPU card with HISA/VGA(AGP)/SCSI

□ PCA-6176E

Pentium $^{\circ}$ III processor-based PCI/ISA-bus full-size CPU card with HISA/VGA(AGP)/LAN

□ PCA-6176F

Pentium $^{\circ}$ III processor-based PCI/ISA-bus full-size CPU card with HISA/SCSI/VGA(AGP)/LAN

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