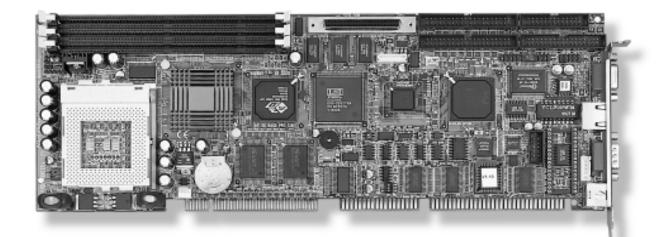
ingle Board Computers SBC)



Features

- Socket 370 Pentium III processor up to 700+ MHz
- · Intel 82440BX PCI set, supports FSB 100 MHz
- Three DIMM sockets for SDRAM up to 768MB, supports ECC
- On-board security for CPU fan, thermal and voltage monitoring
- On-board VGA/AGP with 4 MB SGRAM
- On-board 10/100Base-T networking controller
- · On-board Ultra II SCSI controller
- · 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 700+ MHz
- · 2nd level cache: 256 KB on CPU full-speed cache
- · Chipset: Intel 82440BX, supports 66/100 MHz FSB
- · BIOS: Award Flash BIOS 2 Mb
- Bus interface: PCI/ISA bus, PICMG compliant
- RAM: Three 168-pin DIMM sockets up to 768MB SDRAM support ECC
- LAN: Supports 10/100Base-T Ethernet networking Controller: Intel[®] 82559
- VGA/AGP: Supports AGP 2X, 133 MHz Controller: ATI Rage Pro Turbo On-board 4 MB SGRAM
- PCI SCSI:SupPorts 32-bit PCI interface and Ultra II SCSI or legacy single-ended devices;data transfer rates up to 80 Mb/sec Chipset:Symbios SYM53C895
- 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 interface, 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 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: 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: 0 ~ 60° C (32 ~ 140° F)
- Power supply voltage: +5 V, ±12 V
- Board size: 338 x 122 mm (13.3" x 4.8")

Ordering Information

D PCA-6178L

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

PCA-6178V

Pentium III® processor-based PCI/ISA-bus full-size CPU card with HISA/VGA(AGP)

- □ PCA-6178VE Pentium III® processor-based PCI/ISA-bus full-size CPU card with HISA/VGA(AGP)/LAN
- PCA-6178VS Pentium III[®] processor-based PCI/ISA-bus full-size CPU card with HISA/VGA(AGP)/SCSI
- D PCA-6178F

Pentium III® processor-based PCI/ISA-bus full-size CPU card with HISA/VGA(AGP)/LAN/SCSI