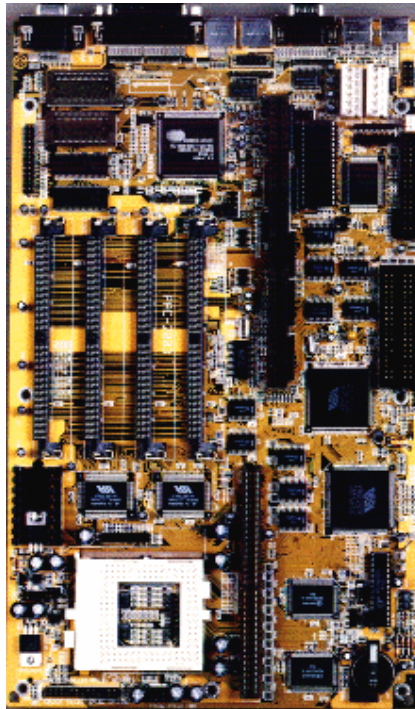




PAC-2003 Mainboard



Features

- **Processor**
 - [Intel Pentium®](#) 75~166MHz;
 - [AMD-K5™](#)-PR75~PR120 (PR133~166 when available);
 - [Cyrix 6x86™](#)/[IBM 6x86™](#)-P120+~P166;
 - 321-pin ZIF socket;
 - Split Voltage Regulator support;
 - Upgradable to P54CS/P54CT/P55C processors
- **Chipset**
 - [VIA Apollo 580VP Chipset](#)
- **Cache**
 - Onboard 256KB upgradable to 512KB Pipeline Burst SRAM via cache module
- **Memory**
 - Up to 512MB RAM;
 - 4 x 72-pin SIMM sockets;
 - EDO DRAM support
- **Expansion Slots**
 - Optional riser card supports various 16-bit ISA and 32-bit PCI slots
- **I/O**
 - WB 83787F/787IF/877F + DS14185 Multi-I/O chipset;
 - 1 D-sub 9-pin male serial port for COM1;
 - 1 2x5-pin header serial port for COM2;
 - 1 parallel port with ECP/EPP;
 - Optional PS/2 keyboard and PS/2 mouse;
 - Optional dual channel [USB](#) connector
- **Built-in PCI Bus Master EIDE**
 - VIA VT82C586;
 - Built-in IDE and FDC interface;
 - PIO Mode 4 and DMA Mode 2;
 - Optional Ultra DMA/33 transfer rate up to 33MB/s
- **VGA**
 - CL GD5434/36/40/46;
 - Up to 2MB; PCI Bus;

Up to 1024 x 768 x high colors

- **Additional Features** APM 1.2 support;
FLASH EPROM support;
Plug and Play ready;
VIA VT82C586 RTC;
Energy Star compliant
- **Form Factor** 4-layer Baby AT; 7.8" x 9"



PAC-2003

Optional USB connectors

Provides fast and convenient I/O connections to external peripherals

Cirrus Logic GD 5434/36/40/46 VGA chipset

Blistering graphics display with the onboard CL VGA chip; GD 5446 supports software MPEG; Up to 2MB RAM; Supports up to 1024 x 768 x 64K colors through the PCI Bus

Advanced ISA/PCI architecture

Optional riser card supports various 16-bit ISA and 32-bit PCI slots for maximum expandability

System Memory

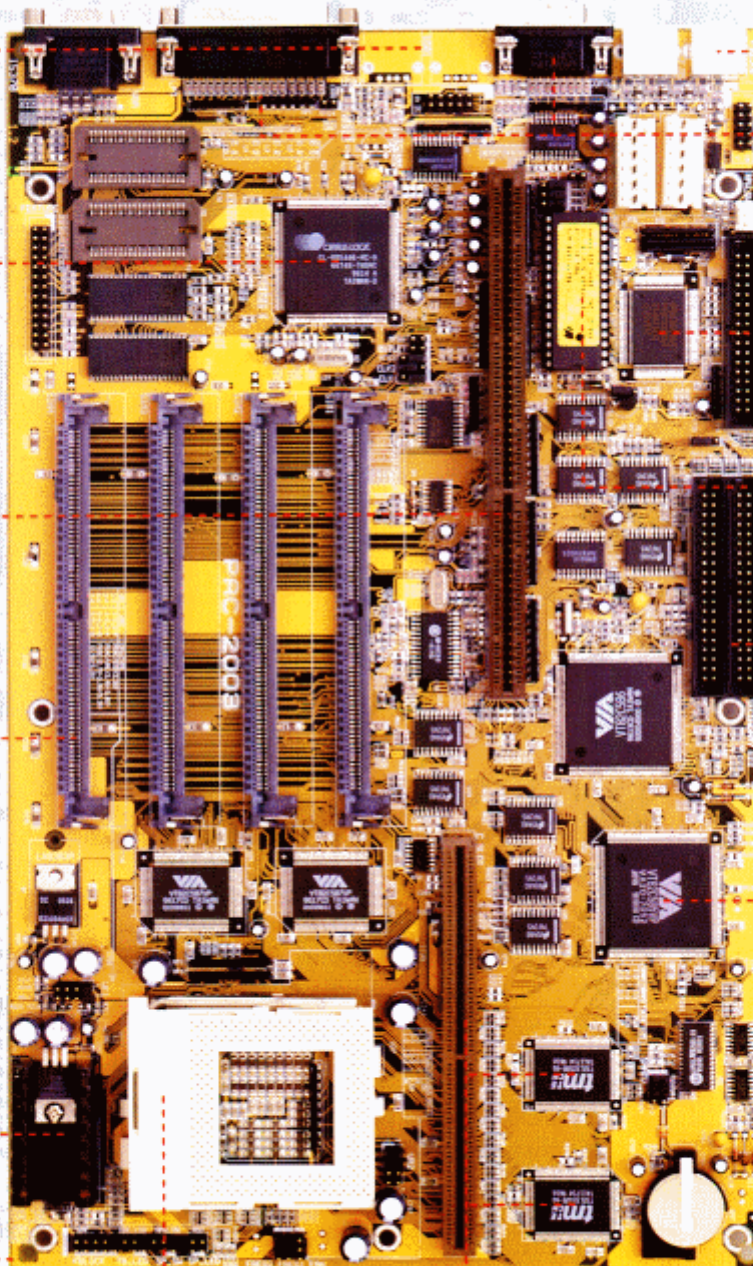
Four 72-pin SIMM sockets support up to 512MB using double-sided DRAM; EDO/Burst EDD DRAM support

Onboard Split Voltage Regulator (SVR)

Allows easy installation of full range of Pentium®/AMD-K5™/Cyrix 6x86™/IBM 6x86™ processors at different voltage levels

Form Factor

8.22" x 13.2" LPM-sized form factor



PS/2 connectors
For the mouse and keyboard

Integrated NS 332/334/336/338 + DS14185 multi-I/O chipset

- One D-sub 9-pin male serial port for COM1
- One 2x5-pin header serial port optional for COM2
- One parallel port with ECP/EPP support

FLASH EPROM PCI BIOS

APM 1.2 complying with Plug and Play standards

VT82C586 Enhanced PCI Bus Master IDE controller

Dual channel support for up to four Enhanced IDE devices, including HDD, CD-ROM and tape drives

VIA Apollo VP Chipset

- VIA VT82C585VP
 - VIA VT82C586
 - VIA VT82C587VP
- Highly-integrated core logic solution for high-performance and cost-effective Pentium® processor-based systems

321-pin ZIF socket

Fully upgradable to accept the P54CST/ P54CT/P55C processors

Level II cache

Onboard 256KB upgradable to 512KB Pipeline Burst SRAM via cache module



Certificate No. 94-LON-AQ-054