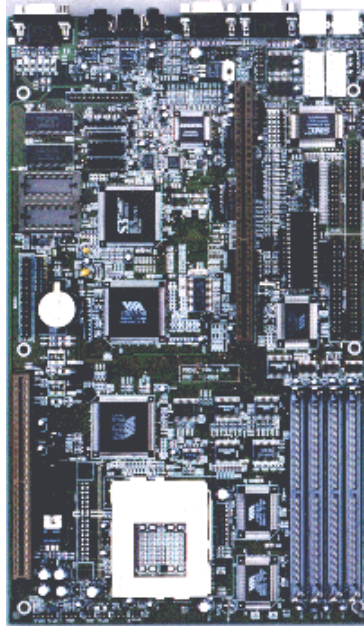




PAK-2100 Mainboard



Features

- **Processor** Intel Pentium® 75~166MHz;
AMD-K5™; Cyrix 6x86™/IBM 6x86™;
321-pin ZIF socket;
Voltage Regulator Module support;
Upgradable to P54CT/P54CTB/P55C processors
- **Chipset** VIA Apollo Master Chipset
- **Cache** Up to 1MB Asynch SRAM and cache module supports 512KB Pipeline Burst SRAM
- **Memory** Up to 512MB RAM;
4 x 72-pin SIMM sockets
- **Expansion Slots** Optional riser card supports various 16-bit ISA and 32-bit PCI slots
- **I/O** SMC 665GD/665IR/669/UMC8669 + DS14185 Multi-I/O chipset;
2 serial ports with 16550 UART/IrDA support;
1 parallel port with ECP/EPP;
Optional PS/2 keyboard and PS/2 mouse
- **VGA** S3 764/765 VGA chipset; Up to 2MB RAM;
Up to 1024 x 768 x high colors through the PCI Bus
- **Onboard Sound** Crystal CS 4232;
Yamaha OPL3 FM synthesizer;
Optional wavetable connector
- **Built-in PCI Bus Master EIDE** Built-in IDE and FDC interface;
PIO Mode 4
- **Additional Features** APM 1.2 support;
FLASH EPROM support;
Plug and Play ready;
VIA VT82C416 RTC;
Energy Star compliant
- **Form Factor** 4-layer LPM; 7.8" x 13"



PAK-2100

Optional wavetable connector

Further enhances audio performance

Crystal 16-bit sound chip and Yamaha OPL3 FM synthesizer

Superior audio performance with the onboard Crystal CS 4232 16-bit sound chip and Yamaha OPL3 FM synthesizer

S3 765 VGA chipset

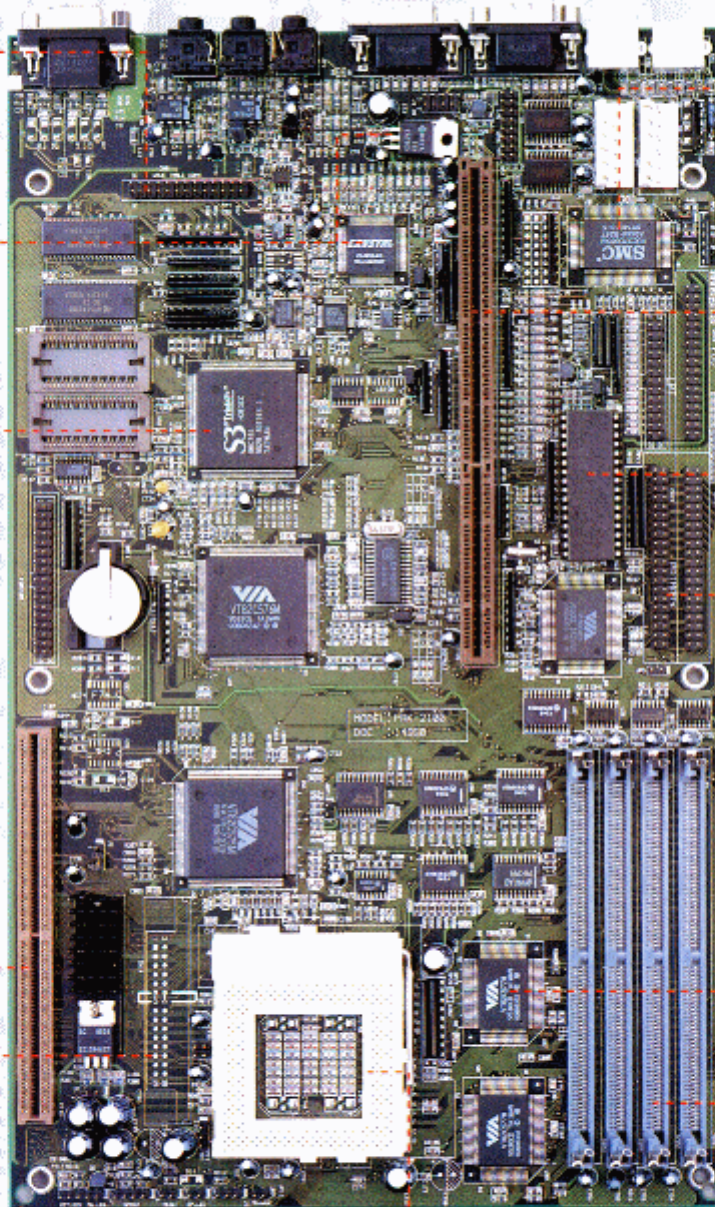
Blistering graphics displays with the onboard S3 765 VGA chipset with MPEG software support; Up to 2MB RAM; Supports up to 1024 x 768 x high colors through the PCI Bus

Level II Cache

Cache module supports a maximum of 1MB Asynchronous SRAM and 512KB Pipeline Burst SRAM

Optional Voltage Regulator Module

Allows easy installation of full range of Pentium® processors at different voltage levels



Form Factor
7.8" x 13" LPM-sized form factor

Optional 321-pin ZIF socket
Fully upgradeable to accept the P54CT/CTB and P55C processors

Integrated SMC 665GD/665IR/669/UMC8669 + DS14185 Multi-I/O chipset

- Two serial ports with 16550 UART/Optional SIR
- One parallel port with ECP/EPP

Advanced ISA/PCI architecture

Optional riser card supports a variety of ISA and PCI slots to accept a wide range of add-in cards

FLASH EPROM PCI BIOS

APM 1.1 complying with Plug and Play standards

VT82C576 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 Master chipset

- VIA VT82C575M
 - VIA VT82C576M
 - VIA VT82C577M
- Highly-integrated core logic solution for high-performance and cost-effective Pentium® processor-based systems

System Memory

Four 72-pin SIMM sockets support up to 512MB using double-sided DRAM



Certificate No. 94LON-AQ-654