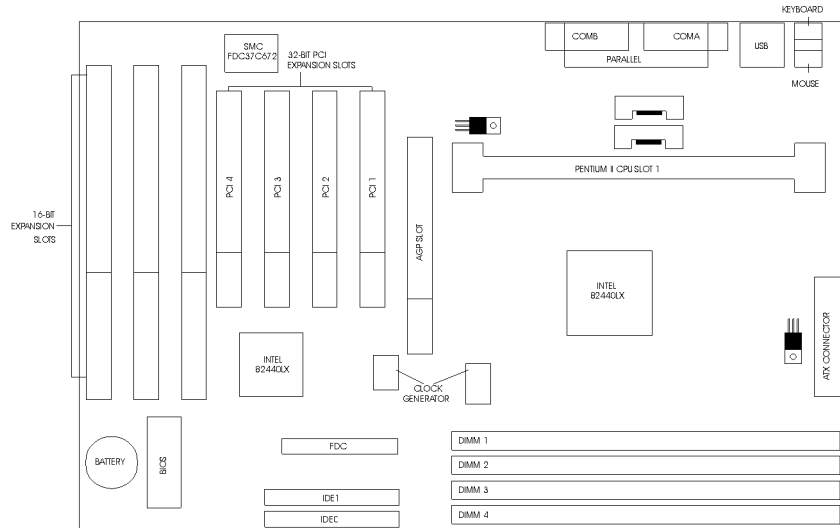




Pentium II Intel 82440LX PCI/ISA AGP ATX Motherboard PRM-0076I

PRM-0076I is a high-end green Pentium II AGP motherboard with on board super I/O and enhanced PCI IDE interface. The super I/O chip use SMC FDC37C672 chip which support 2 fast serial (16550) ports and fast IR, 1 EPP/ECP parallel port and 1 FDD controller. The energy saving functions also achieve the highest energy efficiency.



SPECIFICATION

Processor:

- Intel Pentium II series

Processor Speed:

- 233-300MHz

Chipset:

- Intel 82440LX chipset
- SMC FDC37C672

Architecture:

- AGP support - high performance, quality 3D accelerator by eliminating the 3D bottlenecks with direct access to system memory. Max. bandwidth 528Mb/sec

Cache (Build-in Pentium II CPU):

- 16KB Level 1 Write-Back Cache including:
 - Data Cache: 8KB Write-Back mode
 - Code Cache: 8KB
- 256KB/512KB integrated Level 2 cache on CPU board

Main Memory:

- Four DIMM sockets constitute four memory banks
- DIMM Type - 8/16/32/64/128MB 168-pin unbuffered 3.3V SDRAM/EDO
- ECC Functions ensure data correction and integrity
- Maximum Size - 512MB(SDRAM), 1GB(EDO)

Power Management Features:

- True green functions: support SMM, SMI and CPU stop clock function
- Four power saving states: Normal, Standby, Suspend and Off
- Support Monitor power voltage, Temperatures, Fan speed

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I/O Interface:

- Two fast serial ports (16550)
- One EPP/ECP parallel port
- Built-in FDC supports 1.2M/1.44M/2.88M FDD
- Two enhanced PCI IDE channels which support up to 4 IDE devices with PIO Mode 4 transfers up to 16.6MB/sec
- Support "Ultra DMA/33" transfers up to 33MB/sec
- PS/2 mouse and keyboard support
- IrDA support
- Double Deck USB connectors

System BIOS:

- Vendor - Award
- ROM Type - 128KB Flash ROM
- Plug and Play support

Expansion Slots:

- 4 PCI bus master
- 3 16-bit ISA
- 1 32-bit AGP (66MHz)

Form Factor:

- 304mm (W) x 213mm(L) 4 Layer PCB