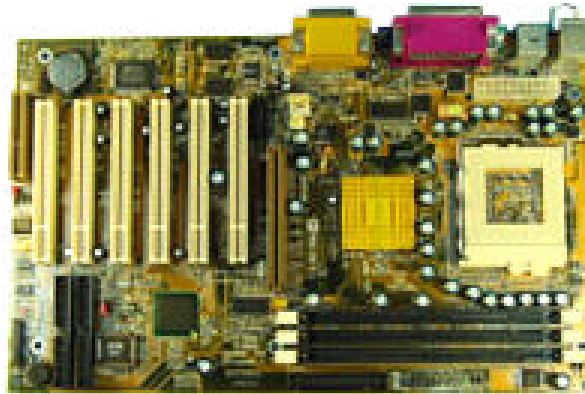


PRM-28I E1

Intel 815EP Socket 370 ATX Motherboard

w/onboard AC97 Sound & USB 2.0

PRM-28I E1 is a high-end green Socket 370 ATX motherboard with FSB 133 support. The system core logic is Intel 815EP chipsets. It is integrated NEC UPD720100AGM chipset supporting USB2.0. The LPC controller is Winbond 83627HF.



SPECIFICATION

CPU:

- Support Intel Celeron processor
- Support Pentium III processor
- Support VIA C3 processor

Chipset:

- Intel 815EP North bridge and 82801BA South bridge
- Winbond W83627HF LPC controller
- NEC UPD720100AGM USB2.0 chipset

Main Memory:

- 3 DIMM slots that can support memory size up to 512MB
- Suspend to RAM (STR) supported

Power Management Features:

- The green functions: support SMM, SMI and CPU stop clock
- ACPI 1.0 support and APM compatible
- Hardware Monitoring: System temperature, CPU voltage
- LAN, keyboard and mouse wake up function

Audio:

- AC-Link with AC97 2.1 compliant
- Software Audio with AC97 Codec

I/O Interface:

- Two fast serial ports (16550) & One EPP/ECP parallel port
- Built-in FDC supports 1.2M/1.44M/2.88M FDD and 1 game port
- Ultra ATA/100/66/33, BMIDE and PIO modes support
- PS/2 mouse and keyboard connectors and support mouse and keyboard wake up.
- Integrated 4 USB 2.0 Ports that can work up to 480Mbps.

System BIOS:

- Award BIOS with 4MB/2MB Firmware Hub
- ACPI/PnP supported

Expansion Slots:

- 6 PCI slots
- 1 AGP4X slot
- 1 CNR slot

Form Factor:

- ATX, 305mm (W) × 190mm (L) 4 Layer PCB