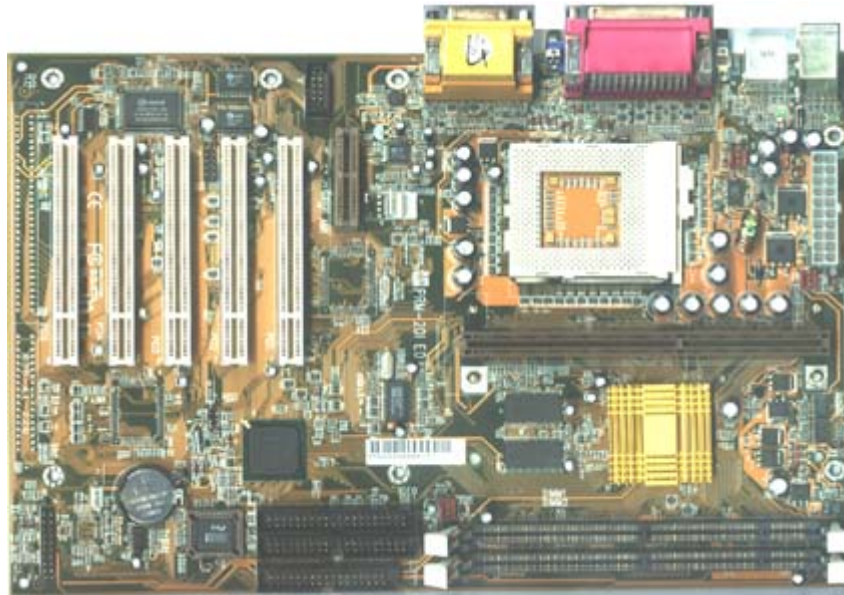


DTK Both Slot1 and Socket 370 ATX Mainboard



*PRM-20I E0 PCI/ISA Single Processor ATX Format
Intel 82810 High Performance Mainboard*



CPU Slot:

- ***Support Intel Socket Celeron processor***

- *Support Intel Pentium III, Pentium II processor*

Chipset:

- *Intel 810 chipsets*
- *Winbond 83627HF*
- *Winbond 83628/9 PCI-ISA Bridge*
- *Creative ES1373 PCI Sound chip(Optional)*

Architecture:

- *IBM PC/AT and PCI 2.1/2.2 compatible*

Main Memory:

- *2 DIMM sockets constitute 4 memory banks*
- *DIMM Type - 16/64/128/256MB 168-pin unbuffered 3.3V SDRAM with SM Bus connections for memory detection*
- *ECC Functions ensure data correction and integrity (SDRAM only)*
- *Maximum Size - 512MB*
- *100MHz SDRAM support*

Power Management Features:

- *True green functions: support SMM, SMI and CPU stop clock function*
- *ACPI/PC98 compatible*
- *H/W Monitoring: CPU voltage, System Temp., Fan speed*
- *S/W Management: LAN Desk Client Manager*
- *LAN, Modem and Keyboard wakeup function*

Audio:

- *AC-Link with AC97 Compliant*
- *Software Audio with AC97 Codes*
- *Optional on board Creative PCI sound ES1373*

VGA:

- *3D Hyper Pipelined Architecture*
- *Full 2D H/W Acceleration*
- *Motion Video Acceleration*

- **3D Graphics Visual/Texturing Enhancements**
- **Integrated 24-bit 230MHz RAMDAC**
- **DDC2B compliant**
- **H/W Motion Compensation Assistance for S/W MPEG2 Decode**
- **On board 4MB SDRAM for video cache**

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/66", "Ultra DMA/33" transfers up to 66MB/sec**
- **PS/2 mouse and keyboard support**
- **IrDA/FIR support**
- **Double Deck USB connectors**

System BIOS:

- **Award BIOS with 2MB/4MB or 8MB Firmware Hub**
- **ACPI/PnP support**
- **Trend™ ChipAway Virus Anti-Virus Program built in**

Expansion Slots:

- **5 PCI bus master**
- **1 16-bit ISA (Optional)**
- **1 AMR slot**

Form Factor:

- **ATX**
- **305mm (W) x 244mm(L) 4 Layer PCB**



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