PFM-10IE
Intel 845 DDR Socket 478 ATX Motherboard

PFM-10IE is a high-performance green Intel Pentium 4 motherboard. The system core logic is based on Intel 82845 DDR Chipsets. It is integrated with Realtek ALC650 AC' 97 Codec.

SPECIFICATION

CPU:
- Support Intel Socket 478 Pentium 4 processor

Chipset:
- Intel 82845 DDR + ICH4 chipsets
- Winbond LPC I/O W83627HF
- Realtek ALC650 AC' 97 Codec

Architecture:
- IBM PC and PCI 2.1/2.2 compatible
- AGP4X support - high performance, quality 3D accelerator by eliminating the 3D bottlenecks with direct access to system memory. Max. Bandwidth 1GB/sec
- 400MHz Intel NetBurst micro-architecture bus

Main Memory:
- Two 184-pin DDR DIMM sockets
- Support PC200/PC266 DDR SDRAM up to 2GB

Audio:
- Onboard Realtek ALC650 AC' 97 Codec
- Support 5.1 speakers and DirectSound 3D
- SPDIF IN/OUT supported

USB 2.0:
- Integrated USB 2.0 controller in ICH4
- Support Hi-speed, Full-speed and Low-speed data transfer rate. Max. Bandwidth 480Mbits/s

I/O Interface (ICH4):
- Two enhanced PCI IDE channels which support up to 4 IDE devices with ATA-100 transfers up to 100MB/sec
- Double Deck downstream USB 2.0 ports
- 2X5 pin header USB 2.0 ports

I/O Interface (W83627HF):
- 2 COM ports & 1 Printer port
- 1 FDC supports 1.2M/1.44M/2.88M FDD
- PS/2 mouse and keyboard connectors
- IrDA 1.0/FIR support

System BIOS:
- Award BIOS with 2MB/4MB Firmware hub
- Built-in Trend™ ChipAway Anti-Virus Program
- ACPI/PnP supported

Other Features
- Support Wake-On-LAN (WOL)
- Suspend-To-RAM (STR)
- Supports Internal / External Modem Ring On
- ACPI/PC99 compatible

Expansion Slots:
- 6 PCI slots
- 1 AGP4X slot

Form Factor:
- ATX @ 305 mm $\times$ 235 mm, 4 Layers