

## **PFM-15I**

### **Intel 845PE Socket 478 Micro-ATX Motherboard**

PFM-15I is a high-performance green Intel Pentium 4 motherboard. The system core logic is based on Intel 845PE Chipsets. It is integrated with Realtek ALC650 AC'97 codec for Software Audio and one of ATI Radeon 8500LE GPU.

#### **SPECIFICATION**

##### **CPU:**

- Support Intel Socket 478 Pentium 4 processor
- 400/533MHz Intel NetBurst micro-architecture bus

##### **Chipset:**

- Intel 845PE + ICH4 chipsets
- ATI Radeon 8500LE GPU
- Realtek ALC650 AC'97 codec
- Winbond 83627HF LPC controller

##### **Main Memory:**

- Two 184-pin DIMM sockets
- Support DDR200/266/333 SDRAM up to 2GB

##### **VGA:**

- Onboard ATI Radeon 8500LE GPU
- 64MB DDR Video Memory
- 256-bit Graphics Architecture
- 250 MHz Core Clock
- 250 MHz Memory Clock
- 350MHz internal RAMDAC
- Support 3D/2D enhancements
- Supports Microsoft DirectX 8.0, 7.0, 6.0, and 5.0 (IDCT)
- Fully compliant support for OpenGL 1.2 for all Windows operating systems and Linux

##### **Audio:**

- AC-Link with AC'97 2.2 compliant
- Software Audio with Realtek ALC650 AC'97 codec
- Support 5.1 speakers and DirectSound 3D

##### **System BIOS:**

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

##### **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
- One 2X5 pin header consist of two USB 2.0 ports
- Line-in, MIC-in, Speaker-out and Game Port

##### **I/O Interface:**

- 2 COM ports & 1 Printer port
- 1 FDC supports 1.2M/1.44M/2.88M FDD
- PS/2 mouse and keyboard connectors
- 15-pin D-sub VGA connector
- IrDA 1.0/FIR support

##### **H/W Monitoring**

- CPU/System fan revolution detect
- CPU/System temperature detect
- System voltage detect (Vcore, Vcc3, Vcc, +12V)

##### **Other Features**

- Support Wake-On-LAN (WOL)
- Supports Internal / External Modem Ring On
- 2 cooling fan connectors

##### **Expansion Slots:**

- 2 PCI slots

##### **Form Factor:**

- Micro-ATX @ 244 mm (L) × 244 mm (W), 6 Layers