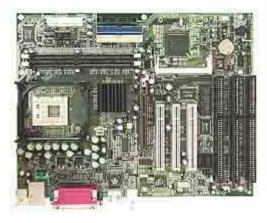
# **MB800**

## Pentium 4 Industrial Motherboard with 533MHz FSB and USB 2.0 support



### MB800 SPECIFICATIONS

**CPU Socket** Socket 478 CPU Intel Pentium 4, 1.30GHz~3.06GHz+ Chipset Intel 845G chipset **Processor Side Bus Frequency** 533MHz (133MHz x4) / 400MHz (100MHz x4) L2 Cache 256K/512K, CPU integrated BIOS Award BIOS, ACPI supported System Memory Two DDR slots Support up to 2GB PC200/266 DDR SDRAM VGA Intel 845G chipset integrated AGP 4X, Optionally supports LVDS, CRT & TV-out interface **Primary LAN** ICH4 integrated Ethernet, 10Base-T / 100Base-TX Secondary LAN Intel 82540EM (10/100/1000Mb) Gigabit LAN or Intel 82551QM (10/100Mb) Audio ICH4 integrated audio with AC97 Codec LPC I/O Winbond 83627HF supports IrDA x 1, Parallel x 1, COM1 (RS232), COM2 (RS232/422/485), FDC up to 2.88MB (3 Mode support), hardware monitoring

#### **IDE Interface**

Built in ICH4; Two enhanced IDE supports 4 IDE devices including UDMA33/66/100, PIO mode 4 and bus master **FDD** Interface Supports up to two floppy disk drives: 3.5" and/or 5.25" drives; 3 Mode support **Parallel Port** One parallel port supports SPP/EPP/ECP **Serial Ports** One RS-232/422/485 and three RS-232 ports COM3 and COM4 supported by Winbond 83877 Watchdog Timer Generates system reset; 256 levels Solid State Disk Interface Supports 2MB~288MB M-Systems DiskOnChip flash disk Hardware Monitoring Built in Winbond W83627HF; monitors system/CPU temperature and voltage status USB USB 1.1 and 2.0 compliant Supports 4 USB ports IrDA Pin header **Keyboard and Mouse Connector** PS/2 type keyboard and mouse connectors **Digital I/O** 4 in / 4 out **Expansion Slots** 1 AGP, 3 PCI, 3 ISA, 1 MicroPCI PCI to ISA Bridge Winbond 83628, Winbond 83629 **Power Connector** ATX 12V power connector Form Factor ATX motherboard **Dimensions** 305mm x 244mm (12" x 9.6") **Power Consumption** Pentium 4 1.8GHz with 512MB DDR memory +5V: 5.7A; +12V:8.5A Pentium 4 2.2GHz with 512MB DDR memory +5V: 6.35A; +12V:6.2A **Operating Temperature** 0°C~60°C (32°F~140°F) Storage Temperature -20°C~80°C (-68°F~176°F) **Relative Humidity** 10%~90% (non-condensing)

#### Ordering Information:

**MB800FH** - Socket 478 Intel 845GE ATX Motherboard with VGA, integrated 10/100 LAN and Gigabit LAN **MB800H** - Socket 478 Intel 845GE ATX Motherboard with VGA and integrated 10/100 LAN