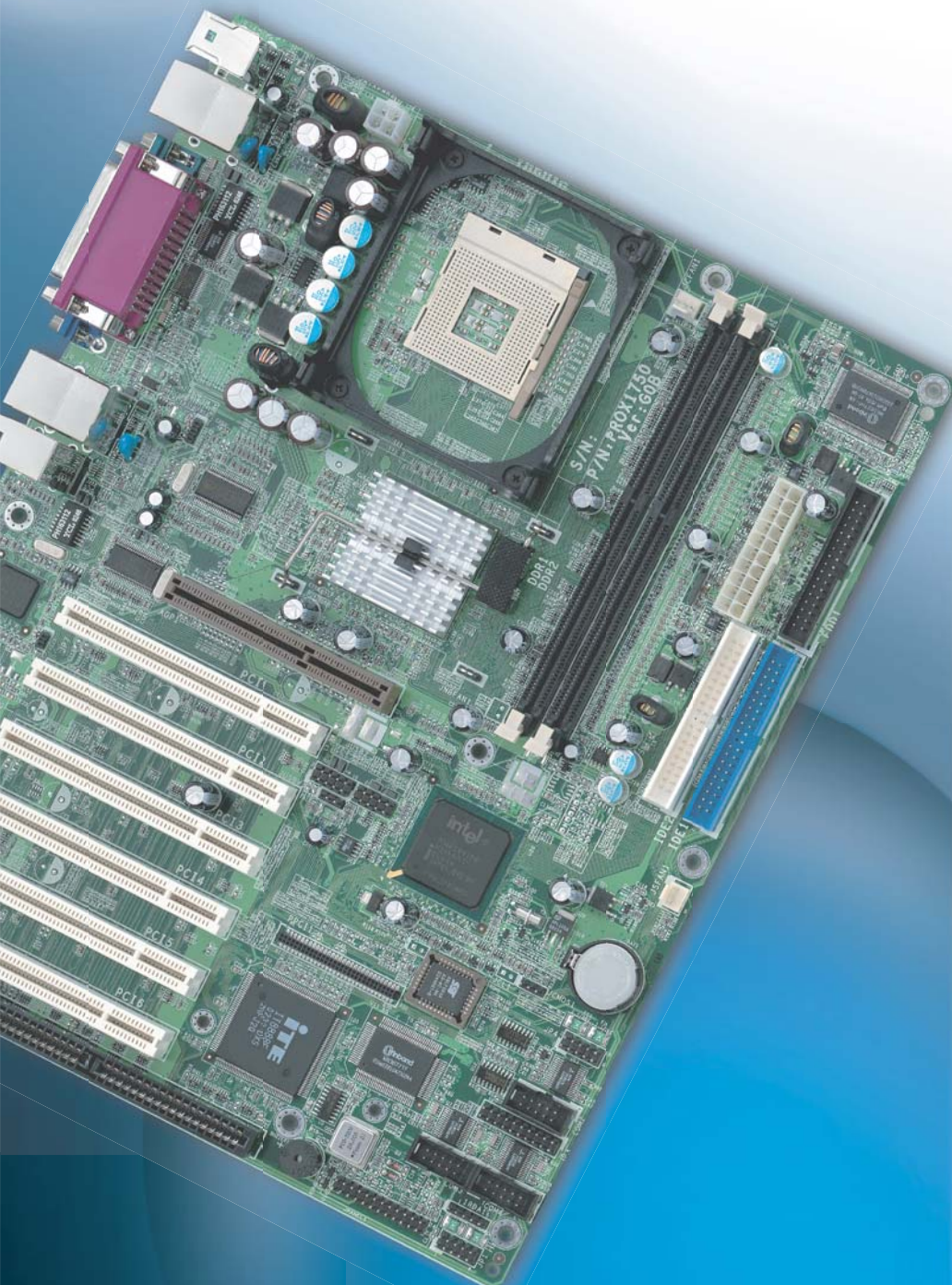


SBC



PMB-1750

Socket 478 P4/P4-M Motherboard with VGA/Sound/2LAN

PMB-1750 is fitted with the Intel® 845GE/GV chipset which is designed with the high performance 533/400 MHz system bus, integrated Intel® Extreme Graphics technology, AGP4X card support, interoperable DDR-SDRAM memory, and is optimized to support the Intel® P4 processor supporting Hyper-Threading Technology. The PMB-1750 provides USB 2.0 up to 6 ports. With a much higher band-width, USB 2.0 can reach data rates of up to 480Mbps; nearly 40 times faster than that of present USB 1.1. The PMB-1750 also integrates Realtek ALC 202A, AC'97 codec, which supports excellent audio quality with up to two channels for full surround sound capability.

Onboard with two LANs, Intel® 82562ET PHY with 10/100 base Ethernet and Intel 82551QM or Intel® 82540EM up to 1Giga speed, PMB-1750 can satisfy the needs for fast speed Internet experiences. It also conforms to the ATX form factor and has a total of two DIMM slots, supporting up to 2GB DDR200/266/333 SDRAM. Expansion slots are also available for 6 PCI, 1 ISA, and 1 PPCI port.

Further standard features include two EIDE interfaces, one FDD, four serial ports (COM2 is selectable for RS232/422/485), one parallel, one KB, one mouse, and one IrDA.



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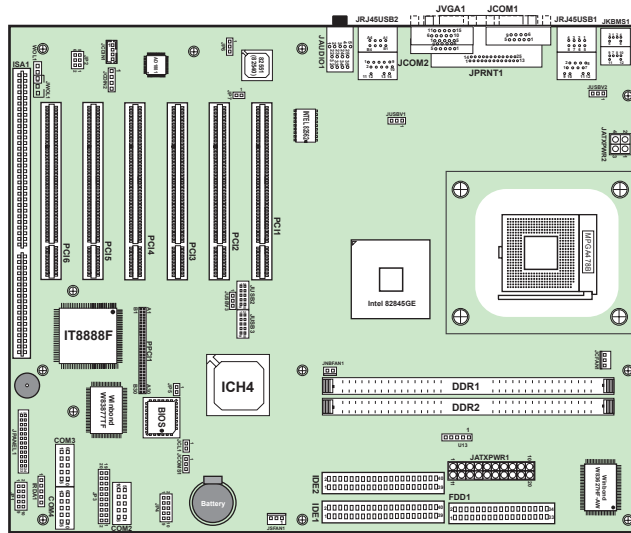
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PMB-1750

Socket 478 Motherboard with VGA/Sound/2LAN



Specifications

System	
CPU Type	Intel® Pentium® 4/ Celeron® processor
CPU Frequency	1.4~3.06GHz
Chipset	Intel® 845G/GV + ICH4
DRAM	2x184-pin DDR DIMM, support DDR333 SDRAM up to 2GB
BIOS	Phoenix-Award PnP BIOS, with VGA BIOS
Watchdog	16 level Watchdog timer selectable w/Reset/NMI Support ATX power
Power Supply	+5V, +12V, +3.3V, 5VSB
Power Requirement	+5V: 1.78A / +12V: 5.31A / +3.3V: 0.25A
Power Consumption	(Pentium® 4 2.8GHz)
Dimension	305mm x 244mm (12" x 9.61")

I/O Chipset

IDE Interface	2x40-pin IDE (UDMA 33/66/100)
FDD Interface	1
Bus Interface	1xISA slot, 6xPCI slots, 1xAGP slot, 1xPPCI slot
Serial Port	4 x COM ports, COM1/3/4 for RS232, COM2 for RS232/422/485 (for 16550 compatible type of UART)
Parallel Port	1 x parallel (SPP/EPP/ECP)
IrDA	1 (SIR)
Keyboard	Mini DIN connector
Mouse	Mini DIN connector
USB	6 x USB 2.0

LAN	LAN 1: Intel® 82562EM (10/100 Mbps) LAN 2: Intel® 82551QM (10/100 Mbps) or Intel® 82540EM (10/100/1000 Mbps) Support Wake-on-LAN with ATX power
Audio	AC '97 Codec, Realtek ALC202A with Line-in/Line-out/MIC
Display	
Graphic	Built-in Intel 845G/GV, share system memory, support CRT & A
Environment	
Operation Temp.	0°~60°C(32°~140°F)
Storage Temp.	-40°~85°C(-40°~185°F)
Humidity	Operation humidity 20~90%, storage humidity 20~95%

Ordering Information

PMB-1750	ATX size S478 P4 MB with VGA/ audio /COMx2 / LANx2 (10/100Mbps)
PMB-1751	ATX size S478 P4 MB with VGA/ audio /COMx4 / LANx2 (10/100Mbps & 10/100/1000Mbps)
PMB-1752	ATX size S478 P4 MB with VGA/ AGP /audio / COMx4 /LANx1(10/100Mbps)
PMB-1753	ATX size S478 P4 MB with VGA/ AGP /audio / COMx2 /LANx1(10/100Mbps)
PMB-7154	ATX size S478 P4 MB with VGA/ audio /COMx4 / LANx1(10/100Mbps)

Certificate: CE, FCC, CLASS A

PERFORMANCE & POWER CONSUMPTION

CPU Type	3D Mark 2001 SE Build 330	PC Mark 2002	Power Consumption +5V / +12V / +3.3V
Pentium® 4 2.8GHz	1432	6754	1.78A / 5.31A / 0.25A
Pentium® 4-M 2.0GHz	1165	4549	1.62A / 3.56A / 0.25A

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