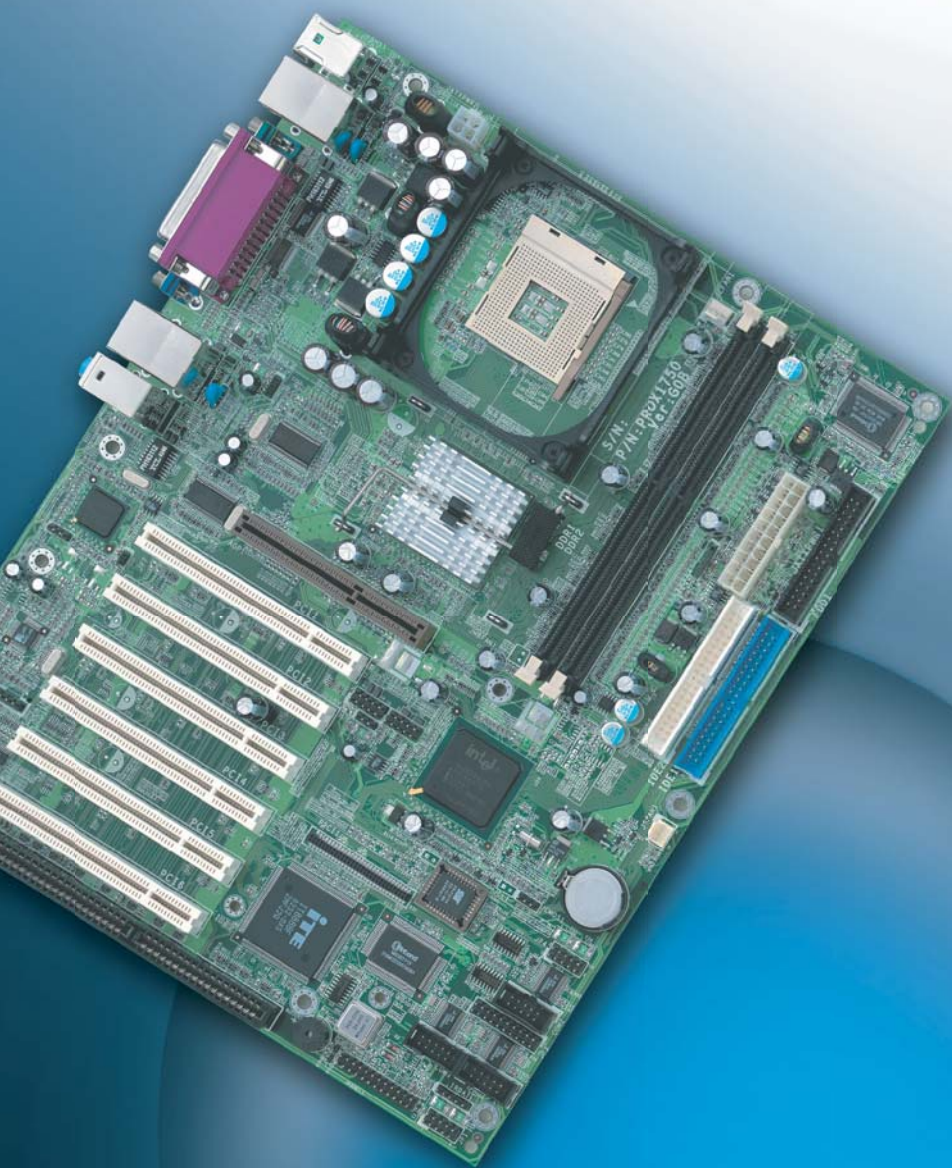


# SBC



## Prox-1750-G2

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

**Prox-1750-G2** 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 Prox-1750-G2 provides USB 2.0 up to 6 ports. With a much higher bandwidth, USB 2.0 can reach data rates of up to 480Mbps; nearly 40 times faster than that of present USB 1.1. The Prox-1750-G2 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, Prox-1750-G2 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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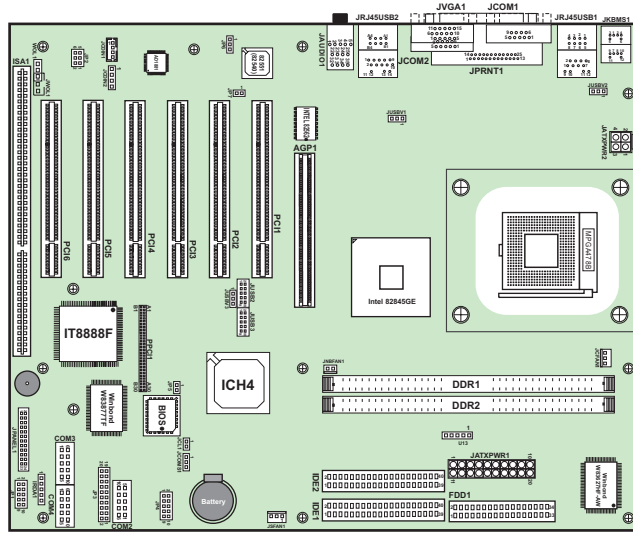
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BRONZE

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**9001 14001**

# Prox-1750-G2

Socket 478 Motherboard with VGA/Sound/2LAN



## Specifications

<b>CPU Type</b>	Intel® P4/P4-M CPU
<b>CPU Voltage</b>	Auto detect
<b>CPU Frequency</b>	1.4~3.X GHz & up reserved
<b>Chipset</b>	Intel® 845GE/GV Chipset with ICH4, FWH
<b>DRAM</b>	2 x 184-pin DDR DIMM up to 2GB
<b>Cache</b>	Built-in CPU
<b>BIOS</b>	Phoenix-Award PnP BIOS, 2MB, with VGA BIOS
<b>I/O Chipset</b>	LPC & Winbond
<b>IDE Interface</b>	2 x EIDE (UDMA-33/66/100/133)
<b>FDD Interface</b>	1
<b>Serial Port</b>	4 x 16550 UART, COM2 for RS232/422/485
<b>Parallel Port</b>	1 x parallel (SPP/EPP/ECP)
<b>Watchdog</b>	16 level Watchdog Timer selectable w/ Reset/NMI
<b>CMOS</b>	Built-in ICH4
<b>Keyboard</b>	Mini DIN connector
<b>Mouse</b>	Mini DIN connector
<b>Speaker</b>	Internal buzzer
<b>IrDA</b>	1 x IrDA (SIR)
<b>VGA</b>	Built-in Intel®845GE/GV, support CRT & DVO (optional)
<b>LAN</b>	LAN1: Intel®82562ET PHY, 10/100 Base-TX Ethernet LAN2: Intel®82551QM or Intel® 82540EM (10/100/1GB) Support Wake-on-LAN

<b>Sound</b>	Realtek ALC202A, AC '97 Codec
<b>USB</b>	4 x USB 2.0, another two with pin header
<b>Bus Interface</b>	1 ISA, 6 PCI, & 1 PPCI Bus
<b>Power Supply</b>	Support ATX 12V power
<b>Power Requirement</b>	+5V, +12V, and +3.3V
<b>Hardware Monitor</b>	Voltage, CPU temp. & cooling fan
<b>Green Function</b>	Controlled by hardware & software
<b>Mechanical and Environment</b>	
<b>Operation Temp.</b>	0°C ~ 60°C, 32°F ~ 140°F
<b>Storage Temp.</b>	-40°C ~ 85°C, -40°F ~ 185°F
<b>Humidity</b>	20~90%
<b>Vibration</b>	2.5g acceleration over 5 to 2000Hz sine wave(p-p), 1 oct/min sine sweep
<b>Shock</b>	30g, 11 msec duration, half-sine shock pulse
<b>Dimension</b>	305mm x 244mm, 12" x 9.61"
<b>Certificate: CE, FCC CLASS A</b>	

## ORDERING INFORMATION

- Prox-1750-G2 with VGA/Sound/LAN1/LAN2:10/100 LAN**
- Prox-1751-G2 with VGA/Sound/LAN1/LAN2:Giga LAN**
- Prox-1752-G2 with VGA/Sound/LAN1, w/o LAN2**
- Prox-1753-G2 with VGA/Sound/LAN1, w/o LAN2, COM3/4**

## 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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