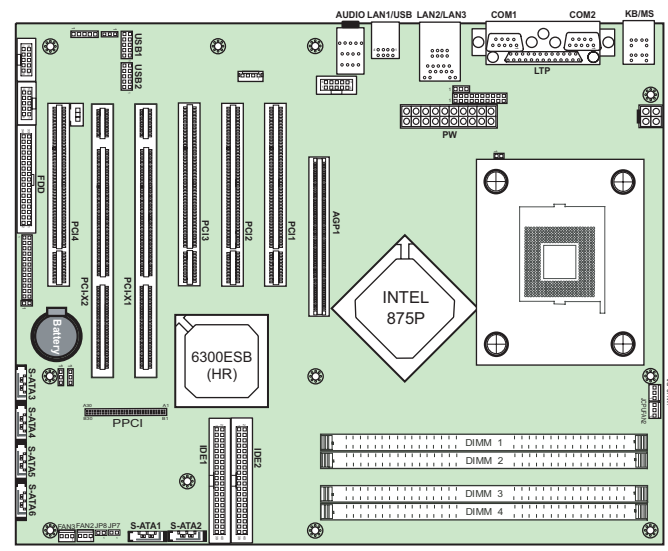


Prox-B421

Socket 478 P4 Motherboard with Sound/3LAN



Specifications	
CPU Type	Intel® Pentium® 4 CPU
CPU Voltage	Auto detect
CPU Frequency	2.0~3.4GHz & up reserved
Chipset	Intel® 875P + 6300ESB + FWH
DRAM	4 x 184-pin DDR DIMM up to 4GB
Cache	Built-in CPU
BIOS	Phoenix-Award PnP BIOS, 4MB, with VGA BIOS
I/O Chipset	LPC, Winbond W83627HF
IDE Interface	2 x EIDE (UDMA-33/66/100)
FDD Interface	1
S-ATA	Two ports S-ATA connector form HR Four ports S-ATA connector form Silcom Image 3114
Serial Port	4 x 16550 UART, COM2 for RS232/422/485 COM3 & COM4 selectable for +5V or +12V
Parallel Port	1 x parallel (SPP/EPP/ECP)
Watchdog	Built-in 6300ESB
CMOS	Built-in 6300ESB
Keyboard	Mini DIN connector
Mouse	Mini DIN connector
Speaker	Internal buzzer
IrDA	1 x IrDA (SIR)
VGA	Supports AGP 8X/4X

LAN	LAN1: Intel®82547GI, 1G BaseTx Ethernet LAN2: Dual ports, Intel®82546EB 1G BaseTx Ethernet, Support Wake-on-LAN with ATX power
Sound	AC '97 Codec, with line-in/out, mic
USB	4 x USB 2.0
Bus Interface	1 x AGP, 4 x PCI, 1 x EPCI, 2 x PCI-X slots
Power Supply	Supports ATX power, 4-pin ATX 12 connector on board
Power Requirement	+5V, +12V, and +3.3V
Hardware Monitor	Voltage, CPU temp. & cooling fan
Green Function	Controlled by hardware & software
Mechanical and Environment	
Operation Temp.	0°C ~ 60°C, 32°F ~ 140°F
Storage Temp.	-40°C ~ 85°C, -40°F ~ 185°F
Humidity	20~90%
Vibration	2.5g acceleration over 5 to 2000Hz sine wave(p-p), 1 oct/min sine sweep
Shock	30g, 11 msec duration, half-sine shock pulse
Dimension	305mm x 244mm, 12" x 9.61"
Certificate: CE, FCC CLASS A	

ORDERING INFORMATION

Prox-B421-LG with Sound/LAN1: 1G/LAN2&3: 1G

PERFORMANCE & POWER CONSUMPTION			
CPU Type	3D Mark 2001 SE Build 330	PC Mark 2002	Power Consumption +5V / +12V / +3.3V
Pentium® 4 2GHz	TBA	TBA	TBA
Pentium® 4 3.4GHz	TBA	TBA	TBA

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