

HP Consumer Support

Motherboard Specifications, MS-6577 (Xenon 3)

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Motherboard specifications table

Part/Feature	Specification/Support
Motherboard Description	<ul style="list-style-type: none">Manufacturer's name - MS-6577 v2.xHP/Compaq name - Xenon 3
Motherboard Supplier	MS-6577 v2.x
System BIOS Supplier	Award
Form Factor	uATX
Processor Brand	Intel
Processor Socket Type	Socket 478
Processor Family	Pentium 4 N, Pentium 4 HT
Maximum approved processor	3.06 GHz Pentium 4 HT processor
Proc. Front Side Bus Freq.	400/533 MHz
Chipset Name	Intel 845G-B
Chipset "North Bridge"	Intel 845G-BCH
Chipset "South Bridge"	Intel CH4
Super I/O	Hub 4
Memory Type	DDR
Memory Speed	PC2100/PC1600
Memory Sockets	Two DDR DIMM (184-pin)

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Tips

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Maximum Memory	1GB (2x512 MB)
Graphics Supplier	Intel Extreme Graphics
Graphics Configuration	Up/Down
Onboard Graphics Memory	UMA 32-64 DDR
Graphics Connector (AGP)	AGP 4x
TV-Out Device	NO
TV-Out Configuration	NO
Audio	AC'97 Down - supports Dolby 5.1 audio
AC'97 CODEC Device	ADI 1885
Audio Jacks (Legend Below)	M,LI,LO, M/G
Ethernet 10/100 LAN Supplier	ICS 1893
Ethernet Configuration	Integrated, Down
IE 1394 Front/Back Options	1F + 1B
IDE UDMA Modes	ATA-100/66/33
Expansion Slots (AGP/PCI/Exten)	One AGP, three PCI
USB Ports	Six
USB Front/Back Options	2F+4B
Serial, Parallel, Floppy, PS2 Kbd & Mouse	1S,1P,1F,PS2 K+M
Serial Port Front Chassis Option	NO
Available Mfg Options (Legend Below)	GLAE+S

Legend	
A	Audio down on motherboard
C	External L2 cache on motherboard
E	1394 on motherboard
G	Graphics down (on motherboard or in chipset)
L	LAN on motherboard (ethernet)P - PCMCIA slot
LI	Line In
LO	Line out
M	Microphone
M/G	Midi/Game
S	S3 power management support
S/O	Speaker
T	TV-out on motherboard
U	Graphics card (up, not on motherboard)
W	Microsoft Windows XP hardware compliant

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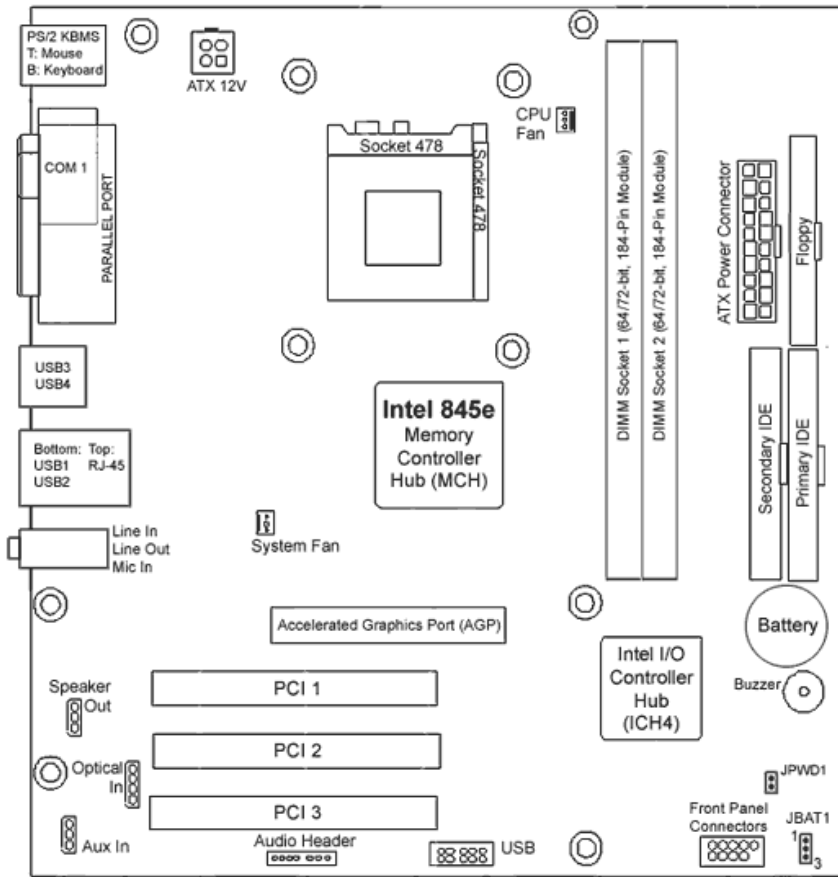
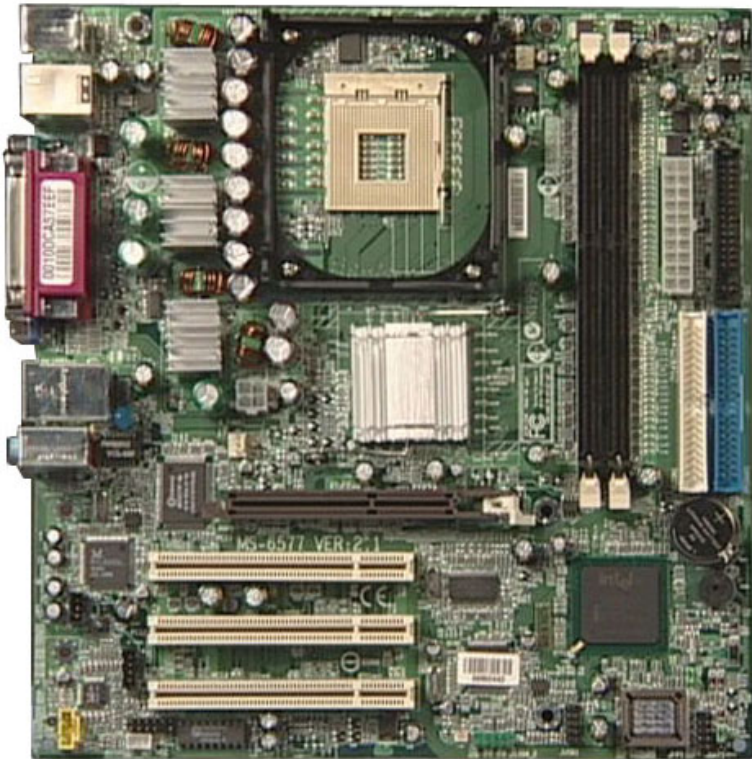
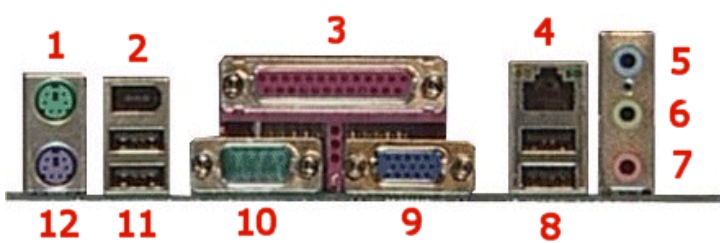


Figure 2: Photo



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1 - Mouse

2 - IEEE 1394 FireWire

3 - Parallel

4 - LAN

5 - Line-In

6 - Line-Out

7 - Microphone

8 - USB

9 - VGA

10 - Serial

11 - USB

12 - Keyboard

Clearing the CMOS settings

The (3-pin JBAT1 jumper allows you to clear the date, time, and system setup parameter memories in CMOS. The onboard button cell battery powers the RAM data in CMOS, including system setup information.

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CAUTION: Do not change any jumper setting while the computer is on. Damage to the motherboard can result.

1. Turn off the PC and unplug the power cord.
2. Move the JBAT1 jumper cap from pins 1-2 (normal) to pins 2-3 (clear CMOS).
3. Keep the JBAT1 jumper cap on pins 2-3 for 5 to 10 minutes, then move it back to pins 1-2.
4. Plug in the power cord and turn on the PC.
5. Enter the **BIOS setup** to change the BIOS settings.

Clearing the BIOS password

The BIOS password protects the BIOS from undesired changes. If you need to clear or reset the BIOS password, use the following steps:

1. Turn off the PC and unplug the power cord.

2. Remove the JPWD1 jumper cap.
3. To enter BIOS setup, start the PC and press the **F1** key as the PC boots.
4. Clear or reset the BIOS password.
5. Save the BIOS settings and turn off the PC.
6. Replace the JPWD1 jumper cap.

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