

HP Consumer Support

Motherboard Specifications, MS-6577 (Xenon)

[Print](#) [Share](#)

[Motherboard information](#)

[Layout and photographs](#)

[Clearing the CMOS settings](#)

[Clearing the BIOS password](#)

Motherboard information

Feature/Specification	Description
Motherboard Description	<ul style="list-style-type: none"> Manufacturer's name - MSI MS-6577 HP/Compaq name - Xenon
Motherboard Supplier	MSI
Motherboard Name	MS-6577 Rev 1
System BIOS Supplier	MSI/Award
Form Factor	uATX
Processor Brand	Intel
Processor Socket Type	mPGA478
Processor Family	P4 and Celeron (Willamette, Northwood)
Proc. Front Side Bus Frequency	400/533 MHz
Chipset Name	845G
Chipset "North Bridge"	845G
revision/stepping	A1
Chipset "South Bridge"	ICH4
revision/stepping	A1
Super I/O	Winbond
revision/stepping	W83627HF-AW
Flash BIOS Device	4MB Flash EEPROM
Memory Type	DDR
Memory Speed	PC2100/PC1600
Memory Sockets	2 DIMM
Maximum Memory	1 GB
Graphics Supplier	Intel
Graphics Configuration	Down, In Chipset

Contact HP

Product (e.g. Deskjet D2680)

Question or keywords



Tips

We are currently updating our customer support system and are unable to process your service order at this time. Please check back after September 14th (10:00 AM MT) for your order status.

[Extend your warranty with HP Care Pack Services](#)

[Check out the HP Total Care Support Videos](#)

Related support links

[Check warranty status](#)

[Check repair order](#)

HP Support forums

Find solutions and collaborate with others on the HP Support Forum

[Join the conversation](#)

Follow us



Onboard Graphics Memory		UMA/up to 48MB
Graphics Connector (AGP)		AGP4x
TV-Out Device		No
TV-Out Configuration		(N/A)
Audio		AC'97 Down
AC'97 CODEC Device		Realtek ALC202A
Audio Jacks (Legend below)		M, LI, LO, SO
M	Microphone	
LI	Line In	
LO	Line out	
SO	Speaker	
M/G	Midi/Game	
Ethernet 10/100 LAN Supplier		Realtek RTL8101L
Ethernet Configuration		PCI, Down
IDE UDMA Modes		ATA-66/100
Expansion Slots (AGP/PCI/Exten)		AGP, 3 PCI
USB Ports		6 USB 2.0
USB Front/Back Options		2F+4B
Serial, Parallel, Floppy, PS2 Keyboard and Mouse		1S, 1P, 1F, PS2 K+M
Serial Port Front Chassis Option		No
Available Manufacturing Options (Legend below)		-G, L, A
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	
S	S3 power management support	
T	TV-out on motherboard	
U	Graphics card (up, not on motherboard)	
W	Microsoft® Windows XP hardware compliant	

[Back to top](#)

Layout and photographs

Figure 1: Layout



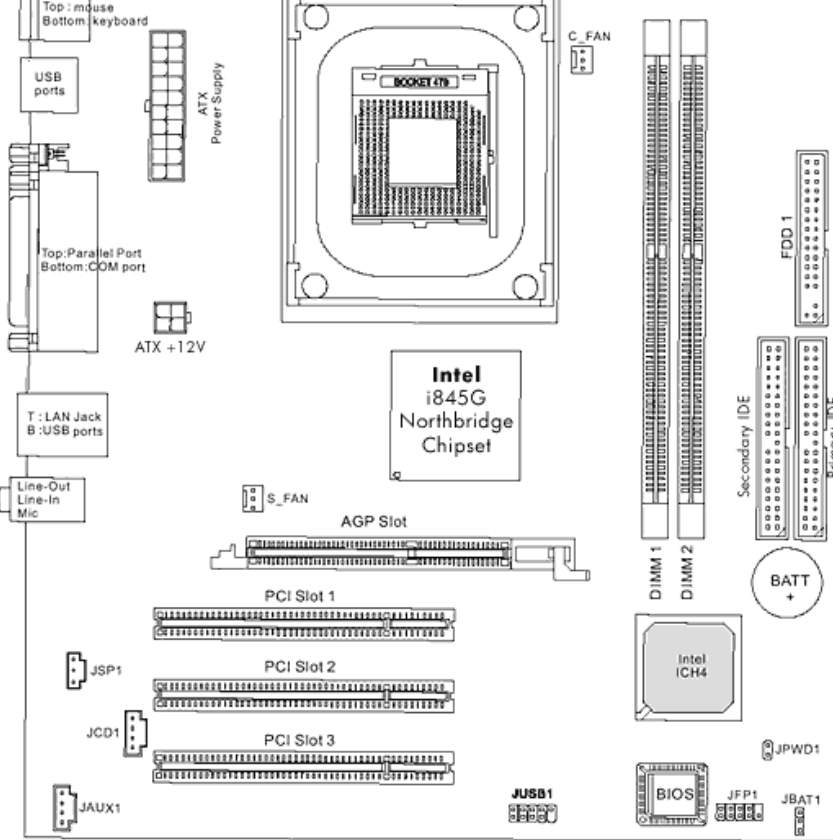


Figure 2: Photograph

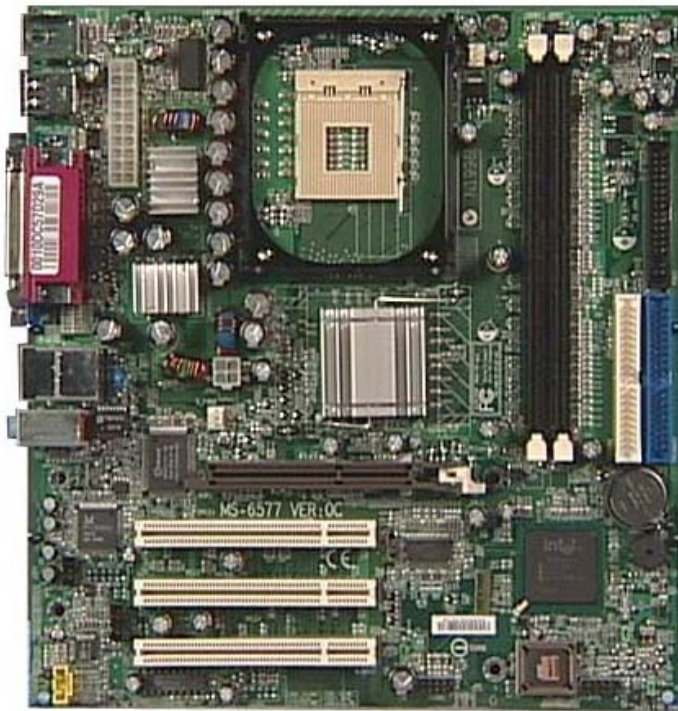
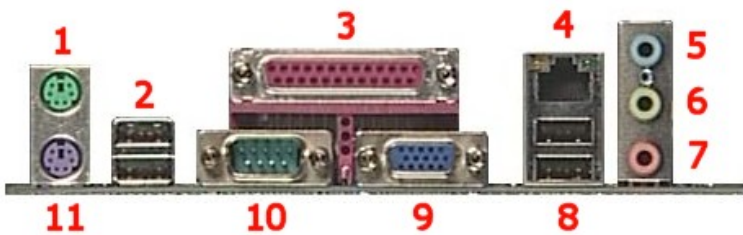


Figure 3: Backplate



1 - Mouse

2 - USB

3 - Parallel

4 - LAN

5 - Line-in

6 - Line-out

7 - Microphone

8 - USB

9 - VGA

10 - Serial

11 - Keyboard

[Back to top](#)

Clearing the CMOS settings

The JBAT1 jumper allows you to clear the date, time, and system setup parameter memories in CMOS by erasing the RTC RAM data. The onboard button cell battery powers the RAM data in CMOS, including system setup information such as system passwords.

[Back to top](#)



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 seconds, then move it back to pins 1-2.
4. Plug in the power cord and turn on the PC.
5. Enter **BIOS setup** to change BIOS settings.

Clearing the BIOS password

The BIOS password protects the BIOS from undesired changes. If password checking is enabled, and you need to disable it, 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.

About HP

- [Contact us](#)
- [Newsroom](#)
- [Investor relations](#)
- [Living Progress](#)
- [Accessibility](#)
- [Events](#)
- [HP Labs](#)
- [Jobs](#)

Social Media

- [Consumer support forum](#)
- [Enterprise business community](#)
- [Corporate blogs](#)



HP Partners

- [Become a partner](#)
- [Find a reseller](#)
- [PartnerOne](#)

Customer Support

- [Power cord replacement](#)
- [Download drivers](#)
- [Register your product](#)
- [Authorized service providers](#)
- [Training & certification](#)
- [Product recycling](#)