

HP Consumer Support

Motherboard Specifications, MS-6577 v 2.1 (Xenon 4)

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

[Motherboard specifications table](#)

[Motherboard layout and photos](#)

[Clearing the CMOS settings](#)

[Clearing the BIOS password](#)

Contact HP



Motherboard specifications table

Part/Feature	Specification
Motherboard Description	<ul style="list-style-type: none">Manufacturer's name - MSI MS-6577 v 2.1HP/Compaq name - Xenon 4
Motherboard Supplier	MSI
System BIOS Supplier	MSI/Award
Form Factor	uATX
Processor Brand	Intel
Processor Socket Type	mPGA478
Processor Family	Pentium 4 and Celeron
Maximum approved processor	3.06 GHz Pentium 4 HT processor
Processor Front Side Bus Frequency	400/533 MHz
Chipset Name	854GE
Chipset "North Bridge," Revision/Stepping	845GE, B1
Chipset "South Bridge," Revision/Stepping	ICH4, B0
Super I/O, Revision/Stepping	Winbond, W83627HF-AW
Flash BIOS Device	4 MB Flash EEPROM
Memory Type	DDR
Memory Speed	PC2700/PC2100/PC1600
Memory Sockets	Two DIMMs
Maximum Memory	Two GB

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](#)

Recently browsed products

[HP Pavilion Media Center m8325f Desktop PC](#)

Related support links

[Check warranty status](#)

[Check repair order](#)

HP Support forums

Find solutions and collaborate with others on

Graphics Supplier	Intel
Graphics Configuration	Down, in Chipset
Onboard Graphics Memory	UMA/up to 64MB
Graphics Connector (AGP)	AGP 4x
TV-Out Device	No
Audio	AC'97 Down
AC'97 CODEC Device	Realtek ALC650
Rear Audio Jacks	Microphone, Line-in, Line-out, Speaker-out
Front Audio Jacks	Microphone, Line-in
Ethernet 10.100 LAN Supplier	Realtek RT8101L
Ethernet Configuration	PCI, Down
IDE UDMA Modes	ATA-66/100
Expansion Slots	One AGP, three PCI
USB Ports	Two front, four back (ver. 2.0)
External Ports	One serial, one parallel, two IEEE 1394, PS/2 keyboard, PS/2 mouse
IEEE-1394 Ports	One front, one back
Available Manufacturer Options	Integrated graphics, integrated LAN, 6 speaker mode (Dolby 5.1, see note below), integrated IEEE 1394

[Back to top](#)

the HP Support Forum

 [Join the conversation](#)

Follow us



Motherboard layout and photos

Figure 1: Layout of motherboard



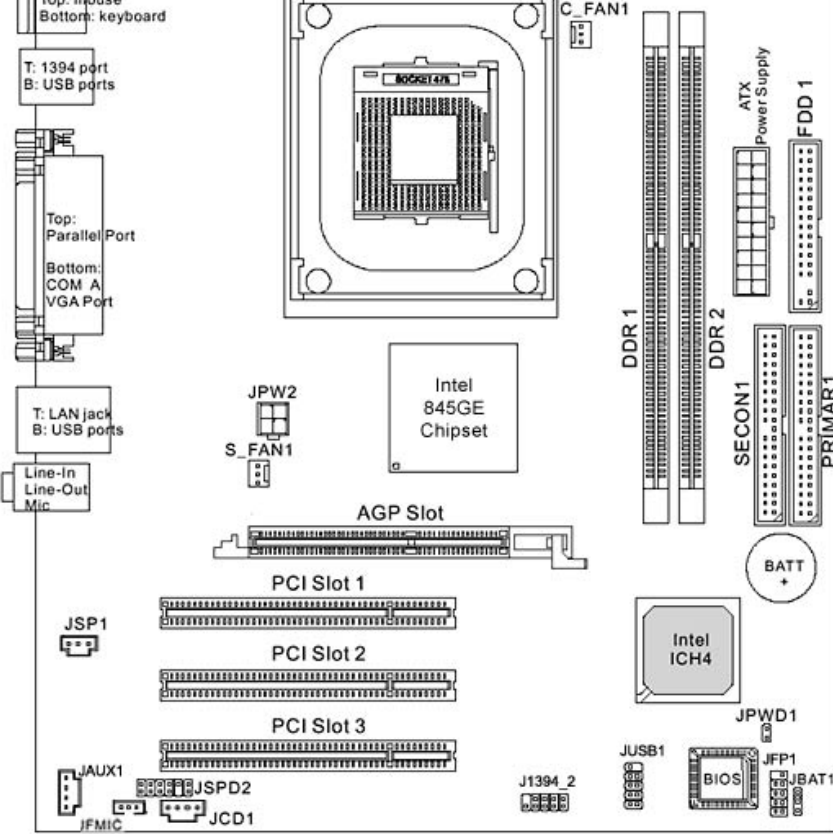
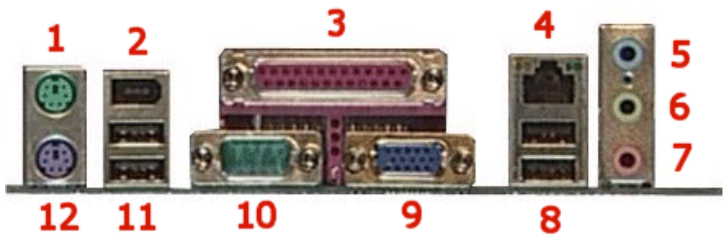


Figure 2: Photo of the motherboard



[Back to top](#)



- 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 Clear RTC RAM (3-pin JBAT1) jumper allows you to clear the Real Time Clock (RTC) RAM in CMOS. It also allows clearing of 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.

[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. Press **F1** to enter **BIOS setup** and change the BIOS settings.

Clearing the BIOS password

The BIOS password protects the BIOS from undesired changes. To reset or clear 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 starts.
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](#)