

HP Consumer Support

Motherboard Specifications, P4S333-M (Missouri)

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FEATURE/SPECIFICATION	DESCRIPTION
Motherboard description	<ul style="list-style-type: none"> Manufacturer's name - ASUS P4S333-M HP/Compaq name - Missouri
Motherboard supplier	ASUS
System BIOS supplier	Asus Award
Form factor	UATX
Processor brand	Intel
Processor socket type	MPGA478
Processor family	Pentium® 4 (Willamette, Northwood)
Processor front side bus frequency	400 MHz
Chipset name	SiS650
Chipset "North Bridge"	SiS650
Revision/Stepping	A1
Chipset "South Bridge"	SiS961
Revision/Stepping	A2
Super I/O	ITE
Revision/Stepping	IT8707
Flash BIOS device	2MB Flash EEPROM
Memory type	DDR
Memory speed	PC2100 / PC1600
Memory sockets	2 DIMM
Maximum memory	2GB
Graphics supplier	Graphic Card
Graphics configuration	Up/Down
Onboard graphics memory	N/A
Graphics connector (AGP)	AGP 4X
TV-out device	No
TV-out configuration	AGP TV Out Card

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Audio	AC97 Down
AC'97 CODEC device	ADI1885
Audio jacks (legend below)	M, LI, LO, SO, M/G
M	Microphone
LI	Line In
LO	Line out
SO	Speaker
M/G	Midi/Game
Ethernet 10/100 LAN supplier	SIS 961+PHY ICS 1893
Ethernet configuration	Integrated Down
IDE UDMA modes	Supports UDMA 100/66/33 - requires a 40 pin/80 conductor cable for UDMA 66 and 100 disk drives
Expansion slots (AGP/PCI/Exten)	1 AGP, 3 PCI
USB ports	6
USB front/back options	2F + 2 B +2 on connector
Serial, parallel, floppy, PS2 Kbd and mouse	2S, 1P, !F, PS2 K+M
Serial port front chassis option	Yes
Available mfg options (legend below)	ULAS
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

Figure 1: layout



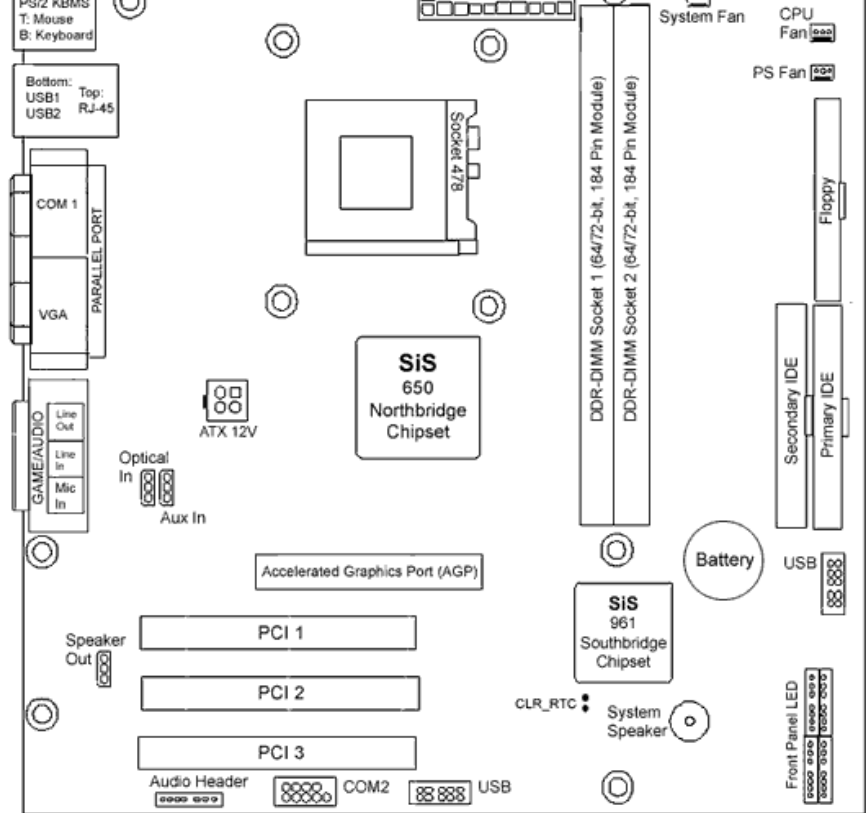
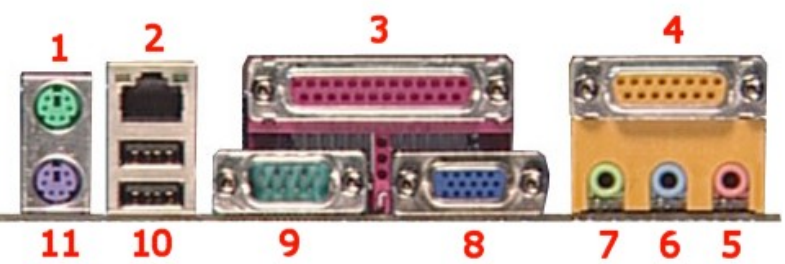
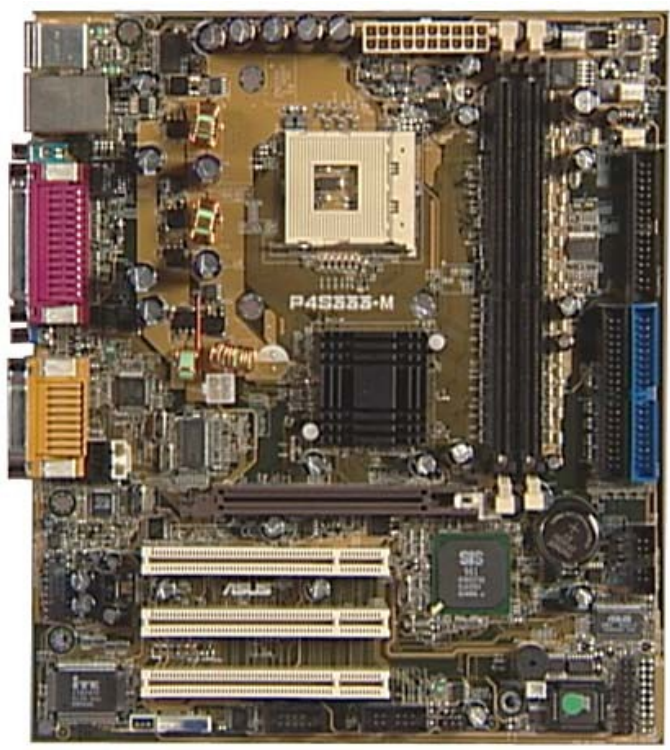


Figure 2: Photo



1 - Mouse

2 - LAN

3 - Parallel

4 - Gameport

5 - Microphone

6 - Line-in

7 - line-out (powered speakers only)

8 - VGA

9 - Serial

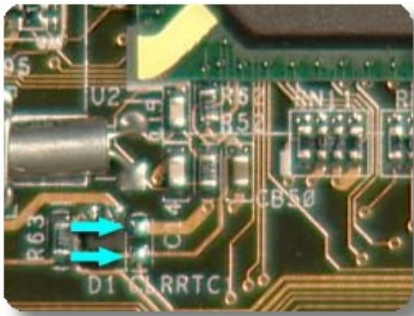
10 - USB

11 - Keyboard

Clearing the CMOS settings

The Clear CMOS RAM (CLRRTC solder points) 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 such as system passwords.

1. Turn off the PC and unplug the power cord.
2. Use a flat screwdriver to short the two CLRRTC solder points.



3. Plug in the power cord and turn on the PC.
4. Press **F1** while the PC starts to enter the **BIOS setup** and change BIOS settings.

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