

HP Consumer Support

Motherboard Specifications, ASUS A7V-VM (Moorea)

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Motherboard information

Motherboard description	<ul style="list-style-type: none"> Manufacturer's name - A7V-VM HP/Compaq name - Moorea
Motherboard Supplier	ASUS
System BIOS Supplier	Phoenix
Form Factor	UATX
Processor Brand	AMD
Processor Socket Type	Socket A (PGA462)
Processor Family	Duron, Athlon, AthlonXP
Processor Front Side Bus Frequency	200/266MHz
Chipset Name	VIA KM133A
Chipset "North Bridge"	VT8365A
Revision/Stepping	CD-F
Chipset "South Bridge"	VT82C686B
Revision/Stepping	CD-E
Super I/O	N/A
Revision/Stepping	N/A
Flash BIOS Device	Xbus 2Mbit
Memory Type	SDRAM
Memory Speed	PC133 (runs @ 100 or 133)
Memory Sockets	2 DIMM
Maximum Memory	512 MB HP recommended maximum
Graphics Supplier	VIA (S3 Savage4)
Graphics Configuration	Down, in Chipset
Onboard Graphics Memory	UMA, up to 32MB
Graphics Connector (AGP)	AGP 4X
TV-Out Device	Connectors for optional LCD-TV module
Audio	AC' 97 Down

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Product (e.g. Deskjet D2680)

Question or keywords



Tips

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AC'97 CODEC Device		Crystal CS4299
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		Realtek RTL8139C
Ethernet Configuration		PCI, Down
IDE UDMA Modes		ATA-100/66/33
Expansion Slots (AGP/PCI/Exten)		AGP, 3 PCI
USB Ports		4
USB Front/Back Options		2F + 2 B
Serial, Parallel, Floppy, PS2 Kbd and Mouse		2S, 1P, !F, PS2 K+M
Serial Port Front Chassis Option		Yes
Available Mfg Options (Legend below)		LAS, Connectors for optional LCD-TV module
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	MS Windows XP hardware compliant	

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Motherboard layout and photos

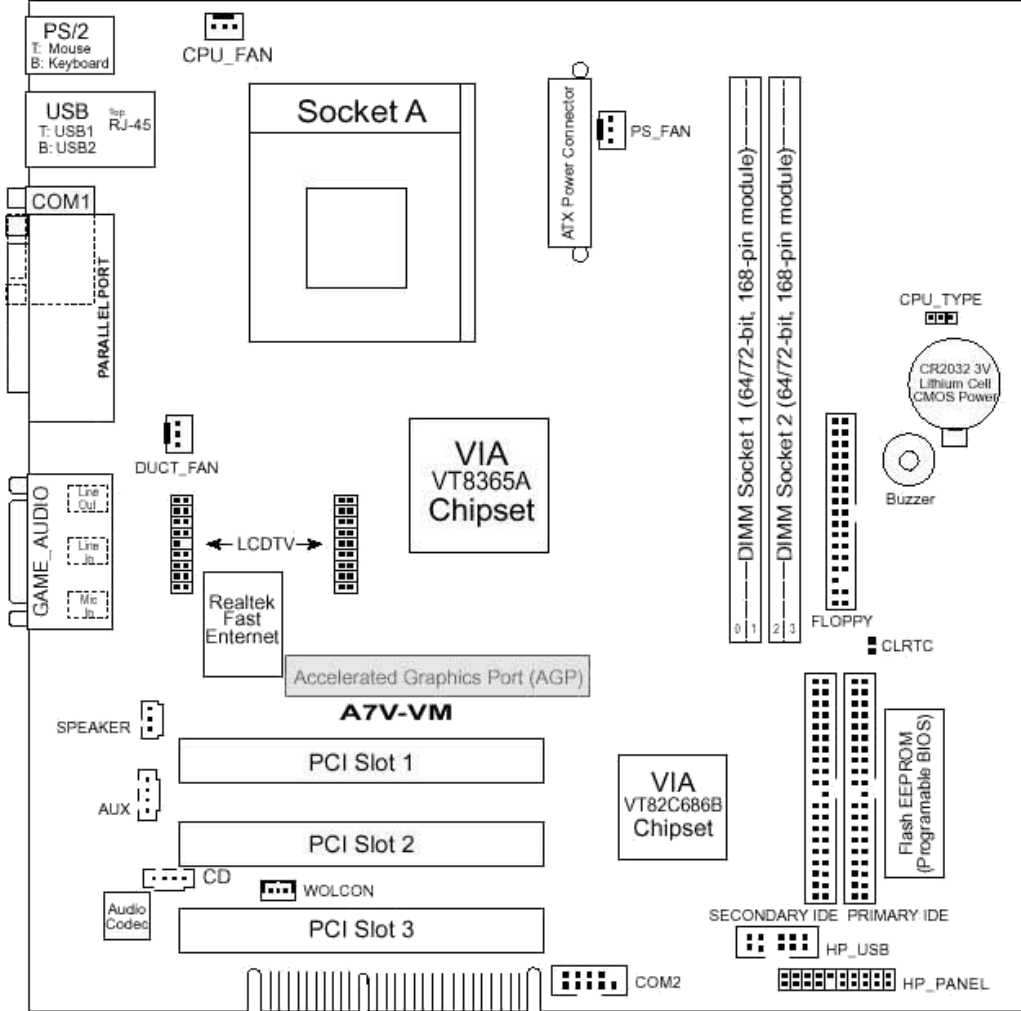
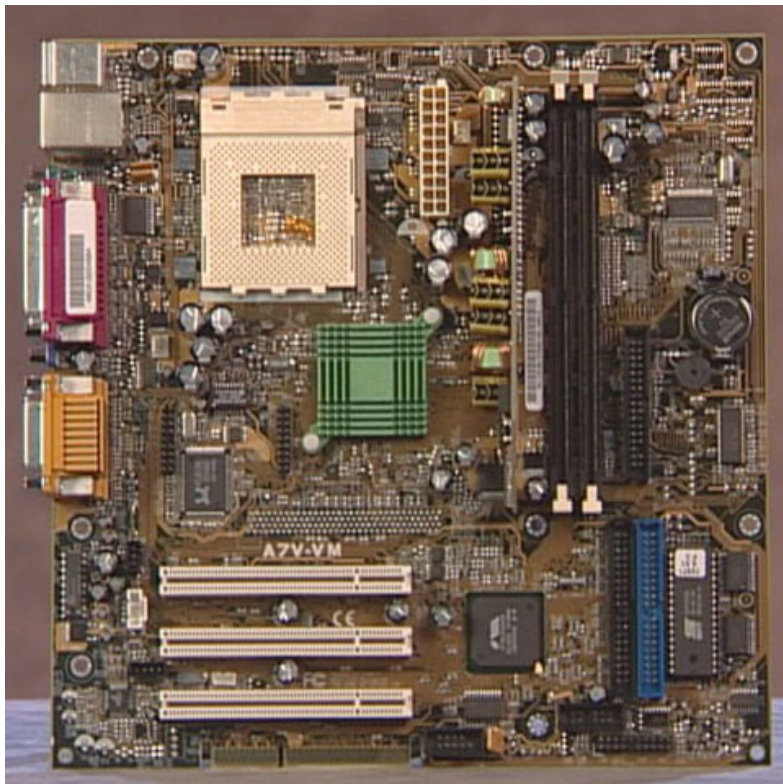
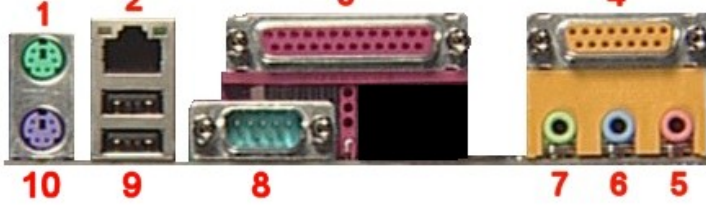


Figure 1: Photograph





- 1 - Mouse
- 2 - LAN
- 3 - Parallel
- 4 - Gameport
- 5 - Microphone
- 6 - Line-out
- 7 - Line-in
- 8 - Serial
- 9 - USB
- 10 - Keyboard

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Clearing the CMOS settings

The Clear RTC RAM (CLRRTC solder points) 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.

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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. Use a small screwdriver to cross the CLRRTC solder point pins 2-3.
3. Start the PC and press **F1** to enter the BIOS setup and change the BIOS settings.

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