

## HP Consumer Support

## Motherboard Specifications, ASUS A7V-VM (Mocha)

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Part/Feature	Specification/Support
<b>Motherboard Description</b>	<ul style="list-style-type: none"> <li>Manufacturer's name - A7V-VM</li> <li>HP/Compaq name - Mocha</li> </ul>
<b>Motherboard Supplier</b>	ASUS
<b>System BIOS Supplier</b>	Phoenix
<b>Form Factor</b>	UATX
<b>Processor Brand</b>	AMD
<b>Processor Socket Type</b>	Socket-A (PGA462)
<b>Processor Family</b>	Duron, Athlon, AthlonXP
<b>Processor Front Side Bus Frequency</b>	200/266 MHz
<b>Chipset Name</b>	VIA KM 133A
<b>Chipset "North Bridge"</b>	VT8365A
Revision/Stepping	CD-F
<b>Chipset "South Bridge"</b>	VT82C686B
Revision/Stepping	CD-E
<b>Super I/O</b>	(NA)
Revision/Stepping	(NA)
<b>Flash BIOS Device</b>	Xbus 2Mbit
<b>Memory Type</b>	SDRAM
<b>Memory Speed</b>	PC 133 (runs @ 100 or 133)
<b>Memory Sockets</b>	2 DIMM
<b>Maximum Memory</b>	1GB
<b>Graphics Supplier</b>	VIA (S3 Savage4)
<b>Graphics Configuration</b>	Down, in chipset
<b>Onboard Graphics Memory</b>	UMA up to 32 MB
<b>Graphics Connector (AGP)</b>	AGP 4X
<b>TV-Out Device (optional)</b>	Connexant Bt869

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## 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.**

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<b>TV-Out Configuration</b>		Daughtercard
<b>Audio</b>		AC'97 Down
<b>AC'97 CODEC Device</b>		Crystal CS4299
<b>Audio Jacks (Legend below)</b>		M, LI, LO, SO, M/G
<b>M</b>	Microphone	
<b>LI</b>	Line In	
<b>LO</b>	Line out	
<b>SO</b>	Speaker	
<b>M/G</b>	Midi/Game	
<b>Ethernet 10/100 LAN Supplier</b>		Realtek RTL8139C
<b>Ethernet Configuration</b>		PCI, Down
<b>IDE UDMA Modes</b>		ATA-100/66/33
<b>Expansion Slots (AGP/PCI/Exten)</b>		AGP, 3 PCI
<b>USB Ports</b>		4
<b>USB Front/Back Options</b>		2F + 2 B
<b>Serial, Parallel, Floppy, PS2 Kbd and Mouse</b>		2S, 1P, !F, PS2 K+M
<b>Serial Port Front Chassis Option</b>		Yes
<b>Available Mfg Options (Legend below)</b>		G,L,A
<b>A</b>	Audio down on motherboard	
<b>C</b>	External L2 cache on motherboard	
<b>E</b>	1394 on motherboard	
<b>G</b>	Graphics down (on motherboard or in chipset)	
<b>L</b>	LAN on motherboard (Ethernet) P - PCMCIA slot	
<b>S</b>	S3 power management support	
<b>T</b>	TV-out on motherboard	
<b>U</b>	Graphics card (up, not on motherboard)	
<b>W</b>	MS(R) Windows XP hardware compliant	

## Motherboard layout and photos

Figure 1: Layout

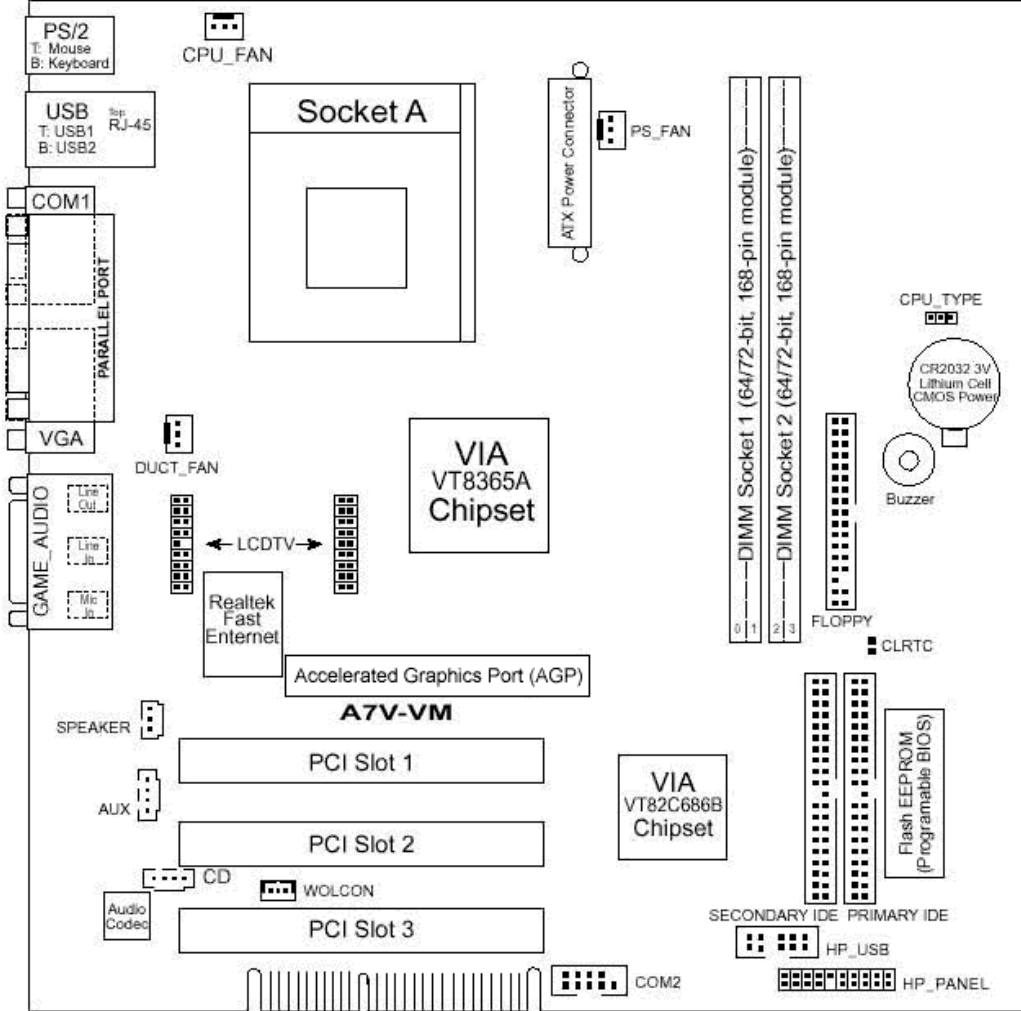


Figure 2: Photograph

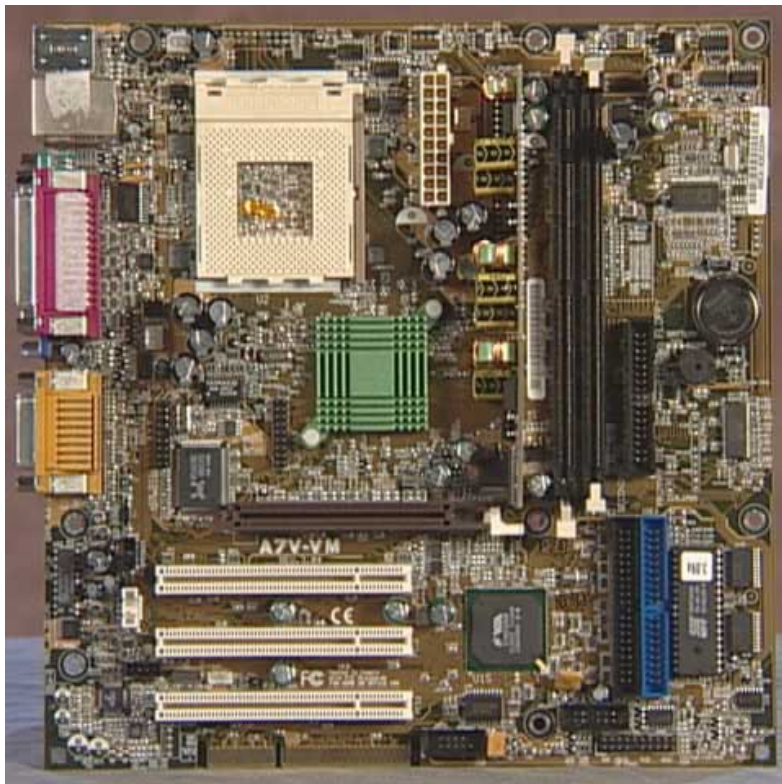
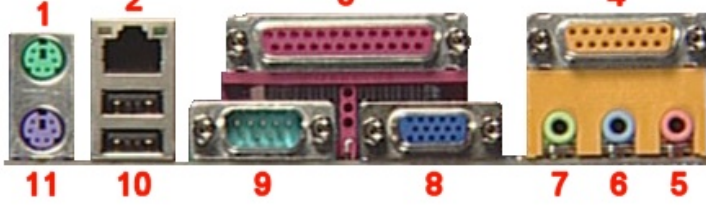


Figure 3: Backplate



- 1 - Mouse
- 2 - LAN
- 3 - Parallel
- 4 - Gameport
- 5 - Microphone
- 6 - Line-out
- 7 - Line-in
- 8 - VGA
- 9 - Serial
- 10 - USB
- 11 - 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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