

HP Consumer Support

Motherboard Specifications, ASUS A7V-VE (Columbia)

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

[Motherboard information](#)

[Layout and photos](#)

[Clearing the CMOS settings](#)

Motherboard information

Part/Feature	Specification/Support
Motherboard Description	<ul style="list-style-type: none"> Manufacturer's name - ASUS A7V-VE HP/Compaq name - Columbia
Motherboard Supplier	ASUS
System BIOS Supplier	Asus Award
Form Factor	uATX
Processor Brand	Intel
Processor Socket Type	Socket-A (PGA462)
Processor Family	Duron, Athlon, Athlon XP
Maximum approved processor	Athlon XP 2200+ (1.8 GHz/266 MHz)
Proc. Front Side Bus Freq.	200/266MHz
Chipset Name	VIA KLE
Chipset "North Bridge" and Revision	(NA)
Chipset "South Bridge" and Revision	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	1GB
Graphics Supplier	VIA (Trident)
Graphics Configuration	Down, In Chipset
Onboard Graphics Memory	UMA
Graphics Connector (AGP)	None
TV-Out Device	No

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



TV-Out Configuration		(N/A)
Audio		AC'97 Down
AC'97 CODEC Device		ADI 1885
Audio Jacks (Mic, Line-In, Line-Out, Spkr, MIDI/Game)		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 RTL8100
Ethernet Configuration		PCI, Down
IDE UDMA Modes		ATA-100/66/33
Expansion Slots (AGP/PCI/Exten)		3 PCI
USB Ports		4
USB Front/Back Options		2F+2B
Serial, Parallel, Floppy, PS2 Kbd & Mouse		2S,1P,1F,PS2 K+M
Serial Port Front Chassis Option		Yes
Available Mfg Options		-GLAS, TV-Out card
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	

[Back to top](#)

Layout and photos



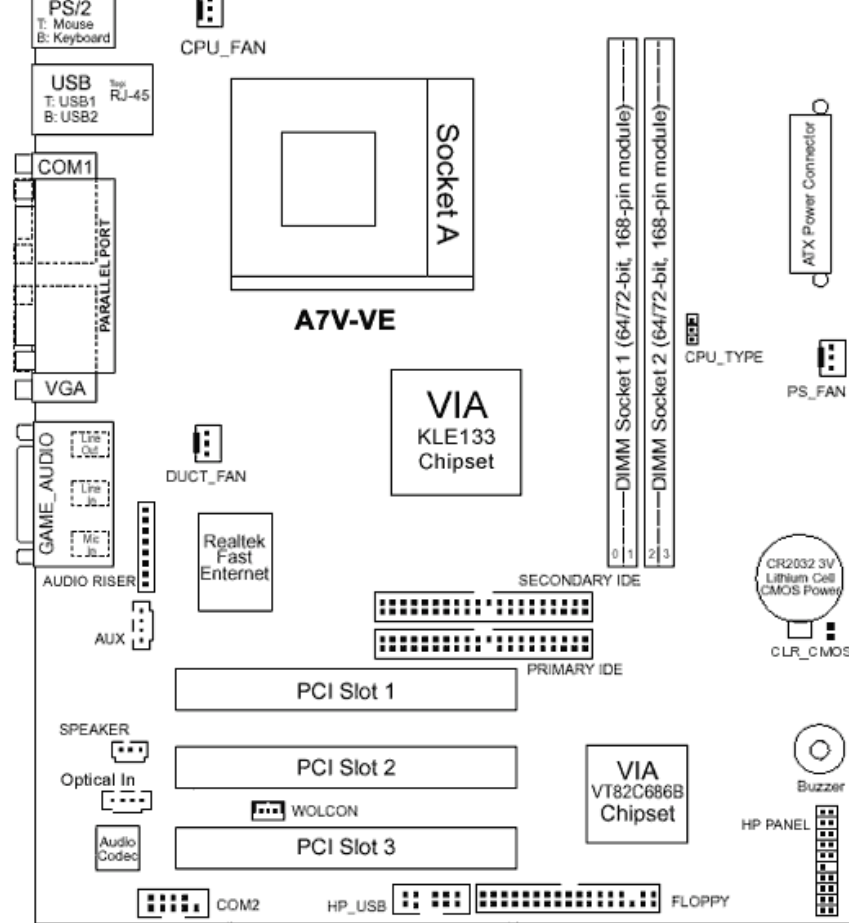


Figure 1: Photo of motherboard

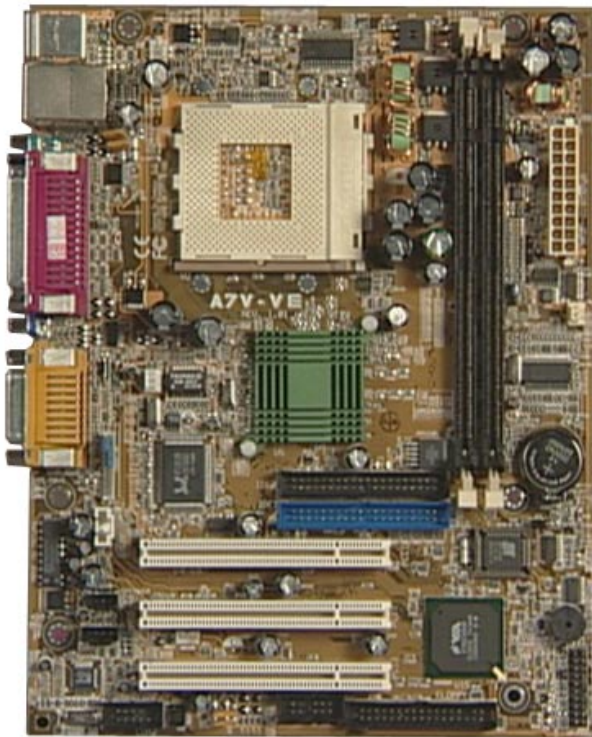
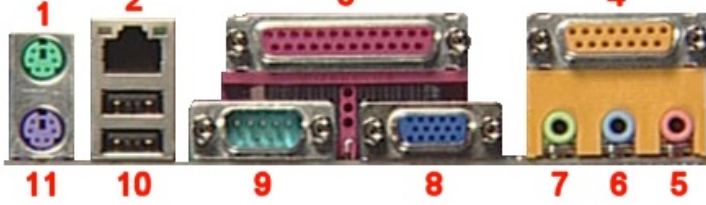


Figure 2: Backplate



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

[Back to top](#)

Clearing the CMOS settings

The Clear RTC RAM (CLR_CMOS 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.

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

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

[Home](#) | [Email sign-up](#) | [Site map](#) | [Privacy](#) | [Cookies & ad choices](#) | [Terms of use](#) | [Recalls](#)

© 2014 Hewlett-Packard Development Company, L.P.

[View mobile site](#)