

HP Consumer Support

Motherboard Specifications, A7V8X-LA (Kelut)

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Motherboard specifications table

Motherboard Part / Feature	Specification / Support
Motherboard Description	Mb manufacturer name: ASUS A7V8X-LA HP/Compaq name: Kelut-GL6E
CPU	Socket A Supports AMD Athlon XP 3200+ processor (2.20 GHz/400 MHz/Barton core) Maximum approved processors: <ul style="list-style-type: none">Athlon XP 3200+ Barton Processor (2.20 GHz, 400MHz)Athlon XP 2700+ Thoroughbred Processor (2.16GHz, 333MHz)
Chipset	VIA KM400A VIA VT8237
Front Side Bus (FSB)	400 / 333 / 266 MHz
Memory	2 x 184-pin DDR DIMM sockets Support up to maximum 2 GB memory (PC manufacturer's maximum memory may differ) Supports unbuffered PC2700/2100 non-ECC DDR SDRAM memory
Expansion Slots	Three PCI slots One AGP 8x/4x (1.5V)

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Storage	Two UltraDMA 100 IDE connectors Two Serial ATA connectors
Integrated Graphics	VIA UniChrome graphics
Audio	Realtek AL658 six-channel AUDIO CODEC Digital audio via an S/PDIF out interface
LAN	Southbridge integrated 10/100 Mbps VT6103 LAN PHY
Hardware Monitoring	Super I/O integrated monitoring of: CPU/chassis fan, MB/CPU temperature
Rear Panel I/O Ports	One Parallel One Serial One PS/2 Keyboard One PS/2 Mouse One RJ45 port One Audio I/O One VGA One IEEE 1394 Four USB 2.0/1.1 (Two connectors)
Internal I/O	Two USB connectors support additional four USB 2.0 ports One IEEE 1394 connector for an additional IEEE 1394 port CPU/chassis fan connectors 20-pin ATX power connector Front panel connector CD/AUX connectors Front panel audio connector
BIOS Features	4Mb Flash ROM Award BIOS Enhanced ACPI DMI 2.0 Green features

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	PnP features
Industry Standard	PCI 2.2 USB 2.0/1.1
Manageability	WOL WOR Wake on PS/2 mouse
Support CD Contents	Device drivers ASUS PC Probe ASUS Screen saver Award BIOS Flash Utility Adobe Acrobat Reader Trend Micro PC 2002
Form Factor	Micro-ATX form factor: 9.6 inches x 9.6 inches (24.38 cm x 24.38 cm)



NOTE: Motherboard specifications are subject to change without prior notice

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Motherboard layout and photos

Figure 1: Layout

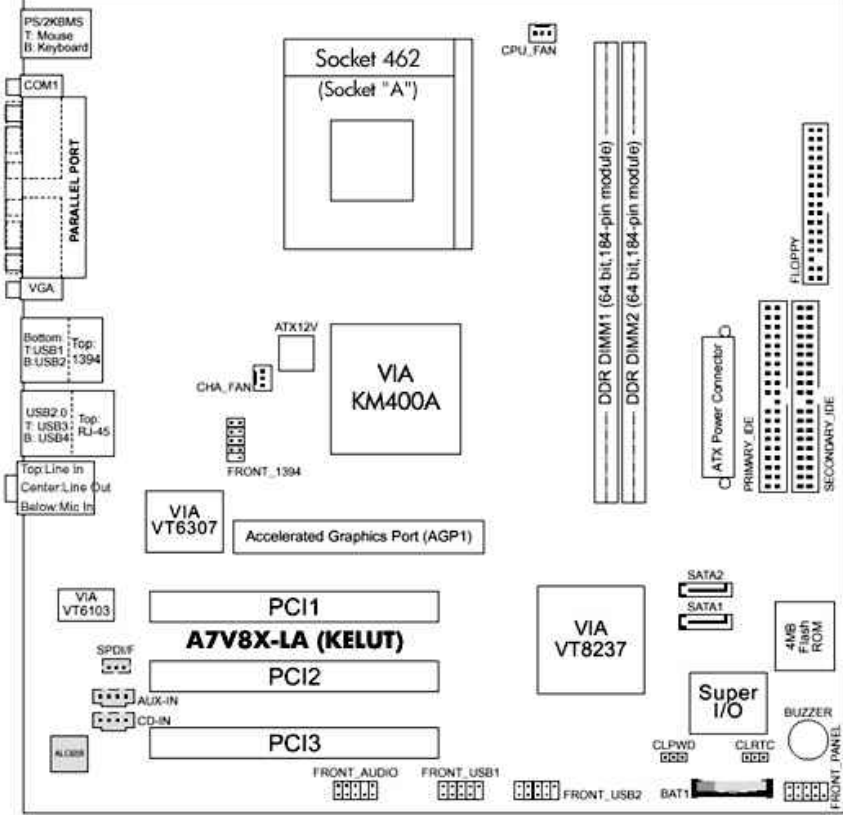
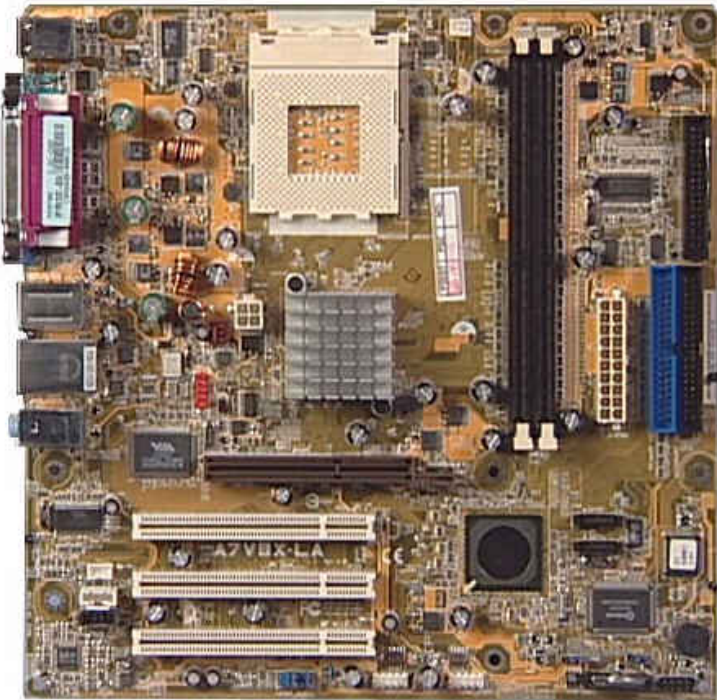
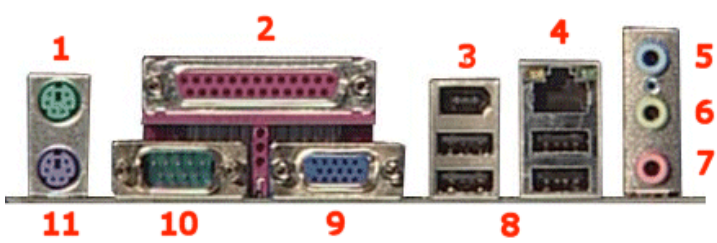


Figure 2: Photo



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Figure 3: Backplate



- 1 - Mouse
- 2 - Parallel
- 3 - IEEE 1394 FireWire
- 4 - Local Area Network
- 5 - Line-In
- 6 - Line-Out
- 7 - Microphone
- 8 - USB 2.0
- 9 - VGA
- 10 - Serial
- 11 - Keyboard

Clearing the CMOS settings

The Clear RTC RAM (3-pin CLRRTC) 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.

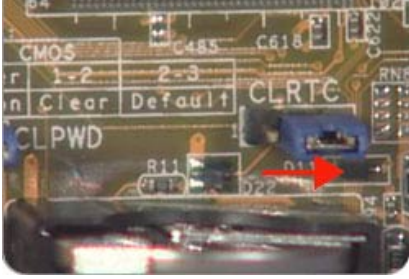


CAUTION: Do not change any jumper setting while the computer is on. Damage to the motherboard can result.

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1. Turn off the PC and unplug the power cord.
2. Move the CLRRTC jumper cap from pins 1-2 (normal) to pins 2-3 (clear CMOS).



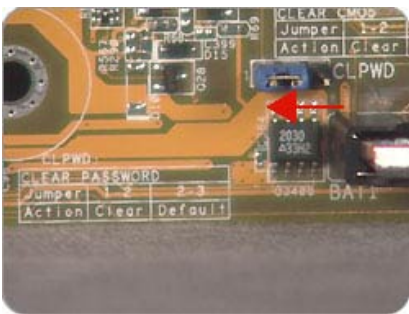
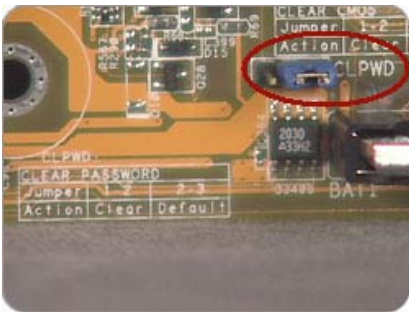


3. Keep the CLRTC jumper cap on pins 2-3 for 5 to 10 seconds, then move it back to pins 1-2.
4. Plug in the power cord and turn on the PC.
5. Press **F1** as the PC starts to enter **BIOS setup** and change BIOS settings.

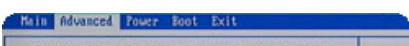
Clearing the BIOS password

The BIOS password protects the BIOS from undesired changes (password checking is disabled by default). If password checking is enabled, and you need to disable it, use the following steps:

1. Turn off the PC and unplug the power cord.
2. Move the CLRPWD jumper cap from pins 1-2 to pins 2-3.



3. Press **F1** as the PC starts to enter the **BIOS setup**.
4. Clear or reset the BIOS password.





5. Save the BIOS settings and turn off the PC.



6. If desired, reactivate BIOS password checking by returning the CLRPWD jumper cap to pins 1-2.

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