

HP Consumer Support

Motherboard Specifications, A7V8X-LA (Kamet 2)

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Mainboard specifications

PART / FEATURE	SPECIFICATION / SUPPORT
Motherboard Description	<ul style="list-style-type: none">• MB manufacturer name: ASUS A7V8X-LA• HP/Compaq name: Kamet2-GL6E
CPU	<ul style="list-style-type: none">• Socket A• AMD Athlon/Athlon XP• Barton core support• Maximum approved processors:<ul style="list-style-type: none">◦ Athlon XP 3000+ Barton core (2.167 GHz, 333MHz)◦ Athlon XP 2700+ Thoroughbred core (2.16GHz, 266MHz)
Chipset	<ul style="list-style-type: none">• VIA KM400• VIA VT8237
Front Side Bus (FSB)	<ul style="list-style-type: none">• 333/266 MHz
Memory	<ul style="list-style-type: none">• Two 184-pin DDR DIMM• Maximum memory size is up to 2GB, 1GB per slot.• HP recommends a maximum memory of 1GB, 512MB per slot.• Supports PC2700/PC2100/PC1600• Unbuffered non-ECC
Expansion Slots	<ul style="list-style-type: none">• Three PCI slots• One AGP 8X/4X slot (1.5V)
Storage	<ul style="list-style-type: none">• Two UltraDMA 100 connectors

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	<ul style="list-style-type: none"> • Two Serial ATA connectors
Integrated Graphics	<ul style="list-style-type: none"> • VIA UniChrome Graphics
IDE	<ul style="list-style-type: none"> • Two UltraDMA 100/66/33 connectors • PIP Mode 3/4 • Supports ATAPI IDE, CD-ROM, CD-R, CD-RW, and LS-120
Onboard Audio	<ul style="list-style-type: none"> • Digital audio via an S/PDIF out interface • RealTek ALC658 6-channel audio CODEC subsystem
Onboard IEEE 1394	<ul style="list-style-type: none"> • VIA VT6307 • Supports two 1394 ports
Onboard LAN	<ul style="list-style-type: none"> • VT6103 LAN PHY (Physical Layer Protocol) • Integrated 10/100 Mbps LAN controller
Hardware Monitoring	<p>Super I/O Integrated monitoring:</p> <ul style="list-style-type: none"> • CPU and chassis fan rotations • Motherboard/CPU temperature
Rear panel I/O	<ul style="list-style-type: none"> • One parallel port • One serial port • One video port • One PS/2 keyboard • One PS/2 mouse port • One RJ-45 port • Up to four USB 2.0 / USB 1.1 ports • One IEEE 1394 port • Audio line-in, line-out, and microphone ports
Internal I/O	<ul style="list-style-type: none"> • One USB 2.0 connector for two additional USB ports • One IEEE 1394 connector • CPU/chassis fan connectors • 20-pin ATX 12V power connectors • Front panel connector • S/PDIF out connector • CD/AUX audio connector • Front panel audio connector
BIOS Features	<ul style="list-style-type: none"> • 4Mb Flash ROM • Award BIOS with Enhanced ACPI, PnP, DMI2.0, Green features
Form Factor	<ul style="list-style-type: none"> • Micro-ATX form factor • 9.6 inches X 9.6 inches (24.5 cm x 24.5 cm)
Industry Standard	<ul style="list-style-type: none"> • USB 2.0/1.1

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NOTE: Mainboard specifications are subject to change without notice

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Motherboard photos and layout

Figure 1: Motherboard layout

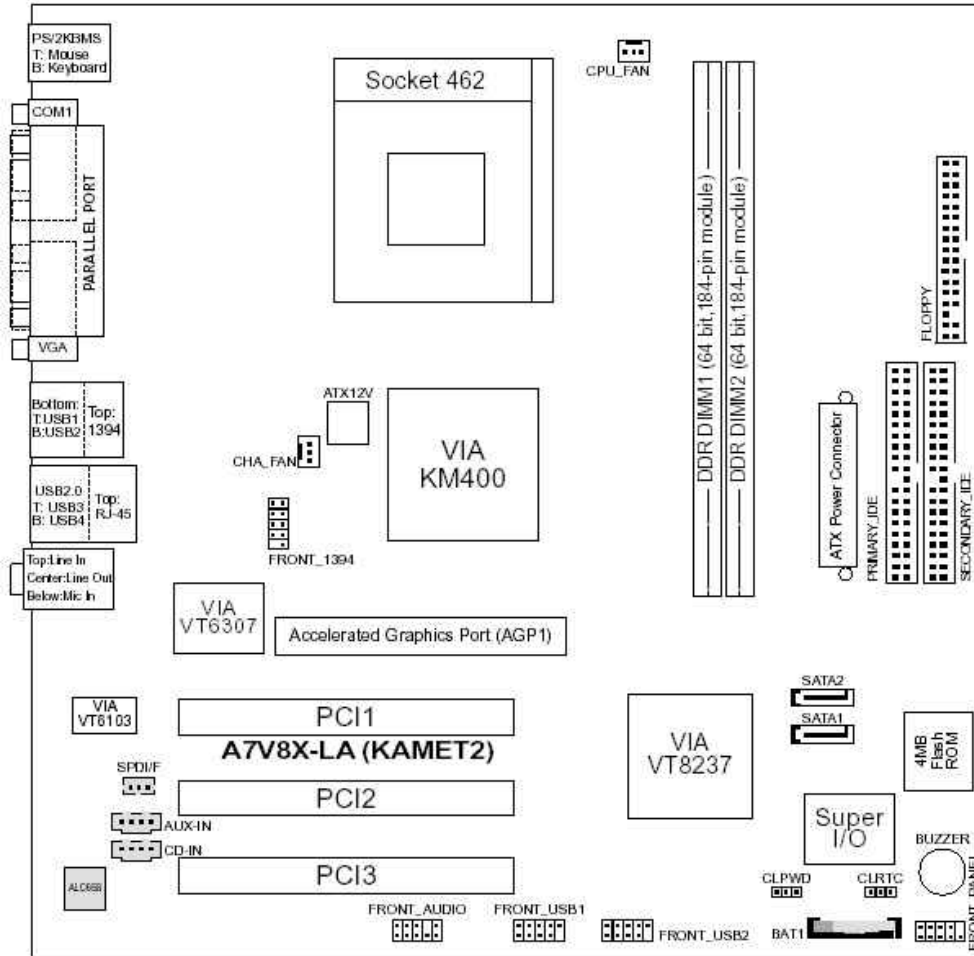


Figure 2: Overhead view



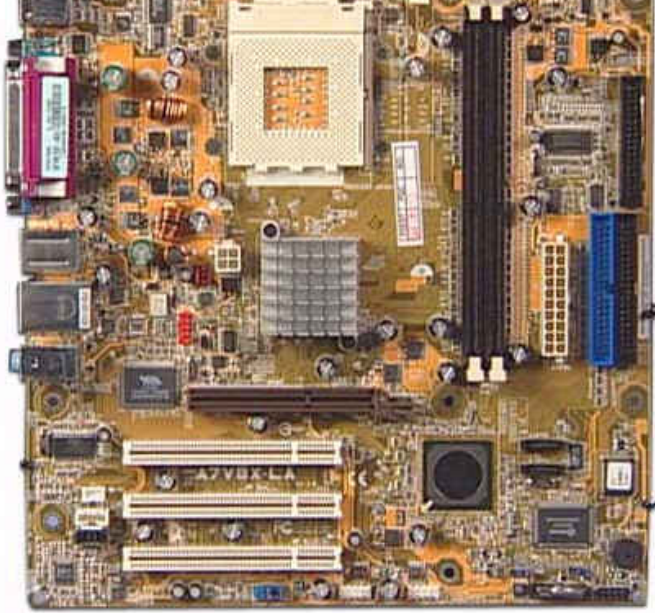


Figure 3: Color coded backplate



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