

abit Engineered

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MOTHERBOARD Socket AM2

Browse by processor -- Select One --

KN9 Ultra



- Socket AM2
- NV@NF5 Ultra
- 2GHz HT
- Dual DDR2 800
- PCI-E X16
- NV SATA 3G RAID
- NV GbE
- 7.1 CH HD Audio
- RoHS Compliancy
- Silent OTES™

Specifications

Dual GigaBit Ethernet	7.1 CH HD Audio	S/PDIF Out	IEEE 1394a	SATA 3 Gb/s
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>> CPU

- Supports Socket [AM2](#) Processor with 2GHz system bus using Hyper Transport™ Technology
- Supports AMD CPU Cool 'n' Quiet Technology

>> Chipset

- NVIDIA NF5 Ultra single chip
- NVIDIA GigaBit Ethernet with NVIDIA Firewall

>> Memory

- Four 240-pin DIMM sockets
- Supports [Dual channel DDR2](#) 800 ECC/non-ECC, Un-buffered memory
- Supports maximum memory capacity up to 8GB

>> Graphics

- Use PCI-E Expansion slot

>> SATA 3Gb/s RAID

- Supports 6 ports NV [SATA 3Gb/s](#) RAID 0/1/0+1/5 JBOD

>> IEEE 1394

- Supports [IEEE1394a](#) at 400 Mb/s transfer rate

>> Audio

- On board 7.1 CH HD Audio CODEC (ALC883)
- Supports auto jack sensing and optical S/PDIF Out

>> Dual GbLAN

- [Dual NVIDIA® GigaBit Ethernet](#)

>> Internal I/O Connectors

- 1 x PCI Express x16, 2 x PCI Express x1, 3 x PCI slots
- 1 x Floppy port supports up to 2.88MB
- 4 x SATA connectors, 1 x Ultra DMA 133/100/66/33 Connector
- 3 x USB 2.0 headers, 1 x FP-Audio header, 1 x CD-IN
- 2 x 1394 headers

>> Back Panel I/O

- 1 x PS/2 Keyboard, 1 x PS/2 Mbus
- 1 x S/PDIF Out
- 1 x Audio connector (Line-out, Line-in, MIC-in, Center/Subwoofer, Rear Surround, Side Surround)
- 4 x USB connectors, 1 x RJ-45 LAN Connector

>> RoHS

- [RoHS Compliancy](#)

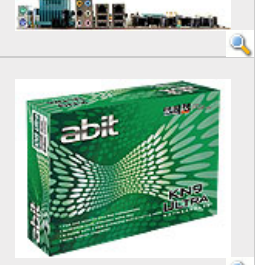
>> Miscellaneous

- ATX form factor 305 x 245mm
- PCB Color: Orange

>> abit Engineered

- [abit CPU ThermalGuard™](#) Technology
- [abit SoftMenu™](#) Technology
- [abit Silent OTES](#)

Product Image



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Compatibility Information

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[Optional Wi-Fi Accessories](#)



AirPace
Pioneer in PCI-E Wireless Technology

compliant
RoHS



>> **abit SoftMenu™**

The original jumperless motherboard design allows for CPU setting changes completely through the BIOS. For GigaOverclocking! Boost your PC's Performance by up to 50%. Convenient and easy-to-use fine tuning from within a self-explanatory BIOS menu.



>> **abit EQ™**

Keep control over your hardware. **abit EQ™** is an easy-to-use system monitor that helps you keep an eye on voltages, temperature items and fans.



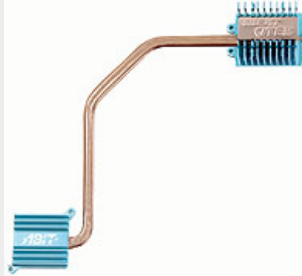
>> **abit CPU ThermalGuard™**

The **abit ThermalGuard™** technology prevents the CPU from overheating and burning up in the case of any hardware cooling malfunction. This hardware thermal protection automatically shuts down your system when the CPU temperature reaches a certain threshold.




>> **abit Silent OTES™**

abit's **Silent OTES™** heatpipe technology dissipates heat from the chipset and conducts it to a highly effective heatsink. This fanless solution keeps your motherboard cool and quiet.



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Model	Logo	Media	Country	Award	Date
KN9 Ultra		Phoronix	USA	Editor's Choice	2006/08/14