

**abit Engineered™**

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MOTHERBOARD Socket 939

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**KN8 Ultra**



- Socket 939
- Nvidia® NF4 Ultra
- 2GT/s HT
- Dual DDR400
- PCI-Express
- Gigabit LAN
- SATA 3Gb/s
- 7.1 CH Audio

**Specifications**

- >> CPU**
- Supports AMD Socket 939 Athlon 64/64FX & [Athlon 64 X2 dual-core](#) Processors
  - With 2GHz system bus using Hyper Transport™ Technology
  - Supports AMD CPU Cool 'n' Quiet Technology

- >> Memory**
- Four 184-pin DIMM sockets
  - Supports Dual channel DDR 400 Un-buffered Non-ECC memory
  - Supports maximum memory capacity up to 8GB

- >> Chipset**
- NVIDIA NF4 Ultra single chip
  - NVIDIA Gigabit Ethernet with NVIDIA Firewall

- >> SATA 3Gb/s RAID**
- Supports 4 ports SATA 3Gb/s data transfer rate
  - Supports SATA AHCI, providing native command queuing and native hot plug
  - NV SATA RAID 0/1/0+1

- >> NV GbELAN**
- NVIDIA® Gigabit Ethernet

- >> NV Firewall**
- Native NVIDIA Firewall

- >> Audio**
- On board 7.1 CH Audio CODEC (ALC850)
  - Supports auto jack sensing and optical S/PDIF Out

- >> ABT Engineered**
- ABIT CPU ThermalGuard™ Technology
  - ABIT SoftMenu™ Technology

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

- >> Back Panel I/O**
- 1 x PS/2 Keyboard, 1 x PS/2 Mouse
  - 1 x LPT port, 1 x COM port, 1 x S/PDIF Out
  - 1 x Audio connector (Line-out, Line-in, MIC-in)
  - 1 x Audio connector (Center/Subwoofer, Rear Surround, Side Surround)
  - 4 x USB connectors, 1 x RJ-45 LAN Connector

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

\*V3.x and above ROHS compliant



Product Information

[Specifications](#)

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Compatibility Information

[CPU](#)



