



**ASRock**  
www.asrock.com



# K8NF3-VSTA

Socket 754 for AMD Athlon™ 64 and Sempron processors  
NVIDIA® nForce3 250 Chipset

**ASRock, an Expert in Windows Vista™**



## Detail Specification



<b>Platform</b>	- ATX Form Factor: 12.0-in x 7.5-in, 30.5 cm x 19.1 cm
<b>CPU</b>	- Socket 754 for AMD Athlon™ 64 and Sempron processors - Supports AMD's Cool 'n' Quiet Technology - FSB 800 MHz - Supports Untied Overclocking Technology - Supports Hyper-Transport Technology
<b>Chipset</b>	- NVIDIA® nForce3 250
<b>Memory</b>	- 2 x DDR DIMM slots - Supports DDR400/333/266 - Max. capacity: 2GB
<b>Hybrid Booster</b>	- CPU Frequency Stepless Control - ASRock U-COP - Boot Failure Guard (B.F.G.)
<b>Expansion Slot</b>	- 4 x PCI slots - 1 x AGP 8X slot
<b>Graphics</b>	N/A
<b>Audio</b>	- 7.1 CH Windows® Vista™ Premium Level Superior Audio (C-Media CM6501 Audio Codec with UAA architecture)
<b>LAN</b>	- Realtek PHY RTL8201CL - Speed: 10/100 Ethernet - Supports Wake-On-LAN
<b>Rear Panel I/O</b>	ASRock 8CH I/O - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x Serial Port: COM1 - 1 x Parallel Port (ECP/EPP Support) - 4 x Ready-to-Use USB 2.0 Ports - 1 x RJ-45 Port - Audio Jack: Side Speaker / Rear Speaker / Central Bass / Line in / Front Speaker / Microphone
<b>Connector</b>	- 2 x Serial ATA 1.5 Gb/s connectors, support RAID (RAID 0, RAID 1, JBOD) and "Hot Plug" functions - 2 x ATA133 IDE connectors (support 4 x IDE devices) - 1 x Floppy connector - 1 x IR header - 1 x Game header - CPU/Chassis FAN connector - 20 pin ATX power connector - 4 pin 12V power connector - CD in header - Front panel audio connector - 2 x USB 2.0 headers (support 4 USB 2.0 ports; 2 of them are shared with USB23 ports on the I/O panel)
<b>BIOS Feature</b>	- 4Mb AMI BIOS - AMI Legal BIOS - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - Supports jumperfree - SMBIOS 2.3.1 Support
<b>Support CD</b>	- Drivers, Utilities, AntiVirus Software (Trial Version)
<b>Hardware Monitor</b>	- CPU Temperature Sensing - Chassis Temperature Sensing - CPU Fan Tachometer - Chassis Fan Tachometer - CPU Quiet Fan - Voltage Monitoring: +12V, +5V, +3.3V, Vcore
<b>OS</b>	- Microsoft® Windows® 2000/XP/XP 64-bit/Vista™ / Vista™ 64-bit compliant
<b>Certifications</b>	- FCC, CE, WHQL
<b>Accessories</b>	- Quick Installation Guide, Support CD, I/O Shield - Floppy/ATA 133 cables - 1 x SATA data cable (optional) - 1 x SATA 1 to 1 power cable (optional)

### Product brief

FSB 800MHz, Hyper-Transport Technology and AMD Cool 'n' Quiet Technology

Supports DDR400/333/266 with 2 DIMM slots, maximum capacity up to 2GB

Untied Overclocking : During Overclocking, FSB enjoys better margin due to fixed AGP/ PCI Buses

1 x AGP 8X slot

2 x Serial ATA 1.5 Gb/s, supports RAID (RAID 0, 1 and JBOD) and "Hot Plug" functions

7.1 CH Windows® Vista™ Premium Level Superior Audio (C-Media CM6501 Audio Codec with UAA architecture), 10/100 Ethernet LAN

Windows® Vista™ Premium Logo Ready

ASRock 8CH I/O: 4 ready-to-use USB ports, 7.1 channel audio jacks

