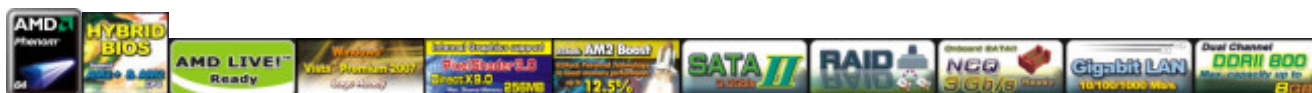## Product Overview

ALiveNF6G-GLAN

- **Support for Socket AM2+ / AM2 processors: AMD Phenom™ FX / Phenom / Athlon 64 FX / Athlon 64 X2 Dual-Core / Athlon X2 Dual-Core / Athlon 64 / Sempron processor**
- **NVIDIA® GeForce 6150SE / nForce 430 Chipsets**

- AMD LIVE!™ Ready
- Supports Dual Channel DDR2 800/667/533 with 4 DIMM slots, maximum capacity up to 8GB
- ASRock AM2 Boost: ASRock Patented Technology to boost memory performance up to 12.5%
- Integrated NVIDIA® GeForce6-class graphics DX9.0 VGA, Pixel Shader 3.0, Max. shared memory 256MB
- 1 x PCI Express x 16 slot
- Untied Overclocking : During Overclocking, FSB enjoys better margin due to fixed PCIE/ PCI Buses
- 4 x Serial ATAII 3.0 Gb/s, support RAID (RAID 0, RAID 1, RAID 0+1, RAID 5 and JBOD), NCQ and "Hot Plug" functions
- Supports Gigabit LAN 10/100/1000 Mb/s
- HDMI_SPDIF header, providing SPDIF audio output to HDMI VGA card, allows the system to connect HDMI Digital TV/projector/LCD devices.
- Windows® Vista™ Premium 2007 Logo Ready
- ASRock 6CH Premium I/O: 4 ready-to-use USB ports, High Definition Audio

This model may not be sold worldwide. Please contact your local dealer for the availability of this model in your region.

## Product Specifications

| General | |
|---|---|
| **CPU** | - Support for Socket AM2+* / AM2 processors: AMD Phenom™ FX / Phenom / Athlon 64 FX / Athlon 64 X2 Dual-Core / Athlon X2 Dual-Core / Athlon 64 / Sempron processor<br>- AMD LIVE!™ Ready<br>- Supports AMD's Cool 'n' Quiet Technology<br>- FSB 1000 MHz (2.0 GT/s)<br>- Supports Untied Overclocking Technology<br>- Supports Hyper-Transport Technology<br><br>*If you use AM2+ CPU on AM2 chipset motherboard, the system bus speed will downgrade from HT3.0 (5200 MT/s) to HT1.0 (2000 MT/s), but the CPU frequency will not be influenced. |
| **Chipset** | - NVIDIA® GeForce 6150SE / nForce 430 |
| **Memory** | - Dual Channel DDR2 memory technology<br>- 4 x DDR2 DIMM slots<br>- Supports DDR2 800/667/533 non-ECC, un-buffered memory<br>- Max. capacity: 8GB*<br><br>*Due to the operating system limitation, the actual memory size may be less than 4GB for the reservation for system usage under Windows® XP and Windows® Vista™. For Windows® XP 64-bit and Windows® Vista™ 64-bit with 64-bit CPU, there is no such limitation. |
| **BIOS** | - 4Mb AMI BIOS<br>- AMI Legal BIOS<br>- Supports "Plug and Play"<br>- ACPI 1.1 Compliance Wake Up Events<br>- Supports jumperfree<br>- SMBIOS 2.3.1 Support |

| Audio, Video and Networking | |
|---|---|
| **Graphics** | - Integrated NVIDIA® GeForce6-class graphics<br>- DX9.0 VGA, Pixel Shader 3.0<br>- Max. shared memory 256MB |
| **Audio** | - 5.1 CH Windows® Vista™ Premium Level HD Audio (ALC662 Audio Codec) |
| **LAN** | - Gigabit LAN 10/100/1000 Mb/s<br>- Giga PHY Realtek RTL8211B<br>- Supports Wake-On-LAN |

| Expansion / Connectivity | |
|---|---|
| **Slots** | - 1 x PCI Express x16 slot<br>- 1 x PCI Express x1 slot<br>- 2 x PCI slots |
| **Connector** | - 4 x SATAII 3.0 Gb/s connectors, support RAID (RAID 0, RAID 1, RAID 0+1, RAID 5 and JBOD), NCQ and "Hot Plug" functions<br>- 1 x ATA133 IDE connector (supports 2 x IDE devices)<br>- 1 x Floppy connector<br>- 1 x IR header<br>- 1 x COM port header<br>- 1 x HDMI_SPDIF header<br>- CPU/Chassis FAN connector<br>- 20 pin ATX power connector<br>- 4 pin 12V power connector<br>- CD in header<br>- Front panel audio connector<br>- 3 x USB 2.0 headers (support 6 USB 2.0 ports) |
| **Rear Panel I/O** | ASRock 6CH Premium I/O<br>- 1 x PS/2 Mouse Port<br>- 1 x PS/2 Keyboard Port<br>- 1 x VGA Port<br>- 1 x Parallel Port (ECP/EPP Support)<br>- 4 x Ready-to-Use USB 2.0 Ports<br>- 1 x RJ-45 Port<br>- HD Audio Jack: Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone |

| Other Features / Miscellaneous | |
|---|---|
| **Hybrid Booster** | - CPU Frequency Stepless Control<br>- ASRock U-COP<br>- Boot Failure Guard (B.F.G.)<br>- ASRock AM2 Boost: ASRock Patented Technology to boost memory performance up to 12.5% |
| **Support CD** | - Drivers, Utilities, AntiVirus Software (Trial Version) |
| **Accessories** | - Quick Installation Guide, Support CD, I/O Shield<br>- Floppy/ATA 133 Cables<br>- 1 x SATA Data Cable (optional)<br>- 1 x SATA 1 to 1 Power Cable (optional)<br>- 1 x COM Port Bracket<br>- 1 x HDMI_SPDIF Cable (optional) |
| **Hardware Monitor** | - CPU Temperature Sensing<br>- Chassis Temperature Sensing<br>- CPU Fan Tachometer<br>- Chassis Fan Tachometer<br>- CPU Quiet Fan<br>- Voltage Monitoring: +12V, +5V, +3.3V, Vcore |
| **Form Factor** | - Micro ATX Form Factor: 9.6-in x 9.6-in, 24.4 cm x 24.4 cm |
| **OS** | - Microsoft® Windows® 2000 / XP / XP Media Center / XP 64-bit / Vista™ / Vista™ 64-bit compliant |
| **Certifications** | - FCC, CE, WHQL |

**Caution:**
Please realize that there is a certain risk involved with overclocking, including adjusting the setting in the BIOS or using the third-party overclocking tools. Overclocking may affect your system stability, or even cause damage to the components and devices of your system. It should be done at your own risk and expense. We are not responsible for possible damage caused by overclocking.

The specification is subject to change without notice in advance. The brand and product names are trademarks of their respective companies. Any configuration other than original product specification is not guaranteed.