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## Products

## Motherboard Series

»ALiveNF7G-GLAN

»Overview &amp; Specifications

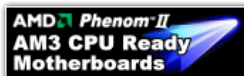
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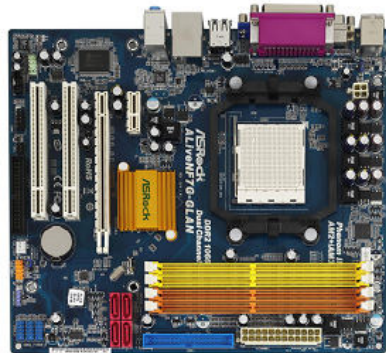
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## ALiveNF7G-GLAN



- 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
- Support for AM3 processors: AMD Phenom™ II X4 / X3 and Athlon II X4 / X3 / X2 processors
- NVIDIA® GeForce 7050 / nForce 630A MCP
  - FSB 1000 MHz (2.0 GT/s)
  - Supports Dual Channel DDR2 1066 with AM2+ CPU, and DDR2 800/667 with AM2 CPU, 4 DIMM slots, maximum capacity up to 16GB
  - Integrated NVIDIA® GeForce7 Series (NV44), DX9.0 VGA, Pixel Shader 3.0, Max. shared memory 256MB
  - Dual VGA Output: support DVI-D and D-Sub ports by independent display controllers
  - Supports Full HD 1080p Blu-ray (BD) / HD-DVD playback
  - 1 x PCI Express x16 slot
  - 4 x SATAII 3.0 Gb/s, support RAID (RAID 0, RAID 1, RAID 0+1, RAID 5, JBOD), NCQ, AHCI and "Hot Plug" functions
  - Gigabit LAN 10/100/1000 Mb/s
  - Supports ASRock Instant Boot
  - Supports Smart BIOS, ASRock OC Tuner, Intelligent Energy Saver
  - 5.1 CH Windows® Vista™ Premium Level HD Audio (Realtek ALC662 Audio Codec)
  - ASRock 6CH\_DVI I/O: 1 x VGA/D-Sub Port, 1 x VGA/DVI-D Port, 4 ready-to-use USB ports, 1 x RJ-45 LAN Port with LED

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



## Product Specifications

## General

<b>CPU</b>	<ul style="list-style-type: none"><li>- 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</li><li>- Support for AM3 processors: AMD Phenom™ II X4 / X3 and Athlon II X4 / X3 / X2 processors</li><li>- AMD LIVE!™ Ready</li><li>- Supports AMD's Cool 'n' Quiet Technology</li><li>- FSB 1000 MHz (2.0 GT/s)</li><li>- Supports Untied Overclocking Technology</li><li>- Supports Hyper-Transport Technology</li></ul>
<b>Chipset</b>	- NVIDIA® GeForce 7050 / nForce 630A MCP
<b>Memory</b>	<ul style="list-style-type: none"><li>- Dual Channel DDR2 memory technology</li><li>- 4 x DDR2 DIMM slots</li><li>- Supports DDR2 1066/800/667/533 non-ECC, un-buffered memory</li><li>- Max. capacity of system memory: 16GB*</li></ul> <p>*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.</p>
<b>BIOS</b>	<ul style="list-style-type: none"><li>- 4Mb AMI BIOS</li><li>- AMI Legal BIOS</li><li>- Supports "Plug and Play"</li><li>- ACPI 1.1 Compliance Wake Up Events</li><li>- Supports jumperfree</li><li>- SMBIOS 2.3.1 Support</li><li>- Supports Smart BIOS</li></ul>

## Audio, Video and Networking

<b>Graphics</b>	<ul style="list-style-type: none"><li>- Integrated NVIDIA® GeForce7 Series (NV44)</li><li>- DX9.0 VGA, Pixel Shader 3.0</li><li>- Max. shared memory 256MB</li><li>- Dual VGA Output: support DVI-D and D-Sub ports by independent display controllers</li><li>- Supports HDCP function with DVI-D port</li><li>- Supports Full HD 1080p Blu-ray (BD) / HD-DVD playback</li><li>- NVIDIA® PureVideo™ Ready</li></ul>
<b>Audio</b>	<ul style="list-style-type: none"><li>- 5.1 CH Windows® Vista™ Premium Level HD Audio (Realtek ALC662 Audio Codec)</li><li>- Chipset embedded HDMI Audio</li></ul>
<b>LAN</b>	<ul style="list-style-type: none"><li>- Gigabit LAN 10/100/1000 Mb/s</li><li>- Giga PHY Realtek RTL8211CL</li><li>- Supports Wake-On-LAN</li></ul>

## Expansion / Connectivity

<b>Slots</b>	<ul style="list-style-type: none"><li>- 1 x PCI Express x16 slot</li><li>- 1 x PCI Express x1 slot</li><li>- 2 x PCI slots</li></ul>
<b>Connector</b>	<ul style="list-style-type: none"><li>- 4 x SATAII 3.0 Gb/s connectors, support RAID (RAID 0, RAID 1, RAID 0+1, RAID 5, JBOD), NCQ, AHCI and "Hot Plug" functions</li><li>- 1 x ATA133 IDE connector (supports 2 x IDE devices)</li><li>- 1 x Floppy connector</li><li>- 1 x IR header</li><li>- 1 x COM Port header</li><li>- CPU/Chassis FAN connector</li><li>- 24 pin ATX power connector</li><li>- 4 pin 12V power connector</li><li>- CD in header</li><li>- Front panel audio connector</li><li>- 3 x USB 2.0 headers (support 6 USB 2.0 ports)</li></ul>
<b>Rear Panel I/O</b>	ASRock 6CH_DVI I/O <ul style="list-style-type: none"><li>- 1 x PS/2 Mouse Port</li><li>- 1 x PS/2 Keyboard Port</li><li>- 1 x VGA/D-Sub Port</li></ul>

	<ul style="list-style-type: none"><li>- 1 x VGA/DVI-D Port</li><li>- 1 x Parallel Port (ECP/EPP Support)</li><li>- 4 x Ready-to-Use USB 2.0 Ports</li><li>- 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED)</li><li>- HD Audio Jack: Line in / Front Speaker / Microphone</li></ul>
<b>Other Features / Miscellaneous</b>	
<b>Unique Feature</b>	<ul style="list-style-type: none"><li>- ASRock OC Tuner</li><li>- Intelligent Energy Saver</li><li>- Instant Boot</li><li>- <a href="#">Hybrid Booster</a>:<ul style="list-style-type: none"><li>- CPU Frequency Stepless Control</li><li>- ASRock U-COP</li><li>- Boot Failure Guard (B.F.G.)</li><li>- ASRock AM2 Boost: ASRock Patented Technology to boost memory performance up to 12.5%</li></ul></li></ul>
<b>Support CD</b>	- Drivers, Utilities, AntiVirus Software (Trial Version)
<b>Accessories</b>	<ul style="list-style-type: none"><li>- Quick Installation Guide, Support CD, I/O Shield</li><li>- ATA 133 Cable</li><li>- 1 x SATA Data Cable (optional)</li><li>- 1 x SATA 1 to 1 Power Cable (optional)</li></ul>
<b>Hardware Monitor</b>	<ul style="list-style-type: none"><li>- CPU Temperature Sensing</li><li>- Chassis Temperature Sensing</li><li>- CPU Fan Tachometer</li><li>- Chassis Fan Tachometer</li><li>- CPU Quiet Fan</li><li>- Voltage Monitoring: +12V, +5V, +3.3V, Vcore</li></ul>
<b>Form Factor</b>	- Micro ATX Form Factor: 9.6-in x 8.2-in, 24.4 cm x 20.8 cm
<b>OS</b>	- Microsoft® Windows® XP / XP Media Center / XP 64-bit / Vista™ / Vista™ 64-bit compliant
<b>Certifications</b>	- 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.

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