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## Products

### Motherboard Series

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## N68C-SE



- 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 / X2 and Athlon II X4 / X3 / X2 / Sempron processors
- NVIDIA® GeForce 7025 / nForce 630a
- Hyper Transport 2000 MT/s
- Supports Dual Channel DDR3 1600/1333/1066/800 non-ECC, un-buffered memory, 2 DIMM slots, maximum capacity up to 8GB, DDR2 1066/800/667/533 non-ECC, un-buffered memory, 2 DIMM slots, maximum capacity up to 8GB
  - Integrated NVIDIA® GeForce 7025 graphics, DX9.0 VGA, Pixel Shader 3.0, Max. shared memory 256MB
  - 1 x PCI Express x 16 slot
  - 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
  - 10/100 Ethernet
  - Supports ASRock Instant Boot, Instant Flash, ASRock OC Tuner, Intelligent Energy Saver, OC DNA
  - EuP Ready
  - 5.1 CH HD Audio (VIA® VT1705 Audio Codec)
  - Free Bundle : CyberLink DVD Suite - OEM and Trial; Creative Sound Blaster X-Fi MB - Trial
  - I/O Panel: 1 x Serial Port: COM1, 1 x VGA Port, 4 x Ready-to-Use USB 2.0 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 / X2 and Athlon II X4 / X3 / X2 / Sempron processors</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 7025 / nForce 630a
<b>Memory</b>	<ul style="list-style-type: none"> <li>- Dual Channel DDR3/DDR2 memory technology*</li> <li>- 2 x DDR3 DIMM slots</li> <li>- Supports DDR3 1600/1333/1066/800 non-ECC, un-buffered memory**</li> <li>- Max. capacity of system memory: 8GB***</li> <li>- 2 x DDR2 DIMM slots</li> <li>- Supports DDR2 1066****/800/667/533 non-ECC, un-buffered memory</li> <li>- Max. capacity of system memory: 8GB***</li> </ul> <p>*DDR3 and DDR2 are supported separately.</p> <p>**DDR3 memory is only supported by installing AM3 cpu.</p> <p>***Due to the operating system limitation, the actual memory size may be less than 4GB for the reservation for system usage under Windows® 32-bit OS. For Windows® 64-bit OS with 64-bit CPU, there is no such limitation.</p> <p>****Support with AM3 / AM2+ CPU.</p>
<b>BIOS</b>	<ul style="list-style-type: none"> <li>- 8Mb 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>- CPU, VCCM, NB Voltage Multi-adjustment</li> </ul>
Audio, Video and Networking	
<b>Graphics</b>	<ul style="list-style-type: none"> <li>- Integrated NVIDIA® GeForce 7025 graphics</li> <li>- DX9.0 VGA, Pixel Shader 3.0</li> <li>- Max. shared memory 256MB</li> <li>- Supports D-Sub with max. resolution up to 1920x1440 @ 60Hz</li> </ul>
<b>Audio</b>	- 5.1 CH HD Audio (VIA® VT1705 Audio Codec)
<b>LAN</b>	<ul style="list-style-type: none"> <li>- Realtek PHY RTL8201EL</li> <li>- Speed: 10/100 Ethernet</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 and JBOD), NCQ 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 Print Port header</li> <li>- CPU/Chassis/Power 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>	I/O Panel - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x Serial Port: COM1 - 1 x VGA Port - 4 x Ready-to-Use USB 2.0 Ports - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - HD Audio Jack: Line in / Front Speaker / Microphone
<b>Other Features / Miscellaneous</b>	
<b>Unique Feature</b>	- ASRock OC Tuner - Intelligent Energy Saver - Instant Boot - ASRock Instant Flash - ASRock OC DNA - Hybrid Booster: - CPU Frequency Stepless Control - ASRock U-COP - Boot Failure Guard (B.F.G.) - ASRock AM2 Boost: ASRock Patented Technology to boost memory performance up to 12.5%
<b>Support CD</b>	- Drivers, Utilities, AntiVirus Software (Trial Version), ASRock Software Suite (CyberLink DVD Suite - OEM and Trial; Creative Sound Blaster X-Fi MB - Trial)
<b>Accessories</b>	- Quick Installation Guide, Support CD, I/O Shield - 2 x SATA Data Cables (optional)
<b>Hardware Monitor</b>	- CPU Temperature Sensing - Chassis Temperature Sensing - CPU/Chassis/Power Fan Tachometer - CPU Quiet Fan - Voltage Monitoring: +12V, +5V, +3.3V, Vcore
<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® 7 / 7 64-bit / Vista™ / Vista™ 64-bit / XP / XP 64-bit compliant
<b>Certifications</b>	- FCC, CE, WHQL - EuP Ready (EuP ready power supply is required)
<b>Caution:</b> 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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