

K9N6SGM-V / K9N6PGM-FI / K9N6PGM-F



The product picture may differ from the actual product. Only for your reference.



MSI Reminds you :
Because of the limitations of chipset, this MB does not support Win98/ME.

Overview

CPU Support

FAQs

Test Reports

Certificates



Features



The MSI Live Update online is designed to automatically download and update the BIOS and driver when there's a new version online. It helps reduce the risk of getting the wrong file and minimize the trouble of searching the files from MSI website.



Live Update 3 is a single utility software that automatically checks BIOS, driver and utility updates and installs for you, which can save your time for searching and lower the risk while updating.



AMD Cool'n'Quiet™ technology that based on famous PowerNow™ technology just brings fresh air to hot-fighting desktop platform. Cool'n'Quiet technology can automatically adjust processor ratio to throttle CPU speed with four modes.



This useful software detects system temperature, the status of voltage, fans and all other key components onboard. If any problem occurs, it will alert the user to correct the problem, reducing the risk of system damage.

Specifications

▶ **CPU**

- AMD® Athlon 64 X2, Athlon 64 and Sempron in the Socket AM2 package.
Please refer to CPU Support for compatible CPU; the above description is for reference only.

▶ **Hyper Transport Bus**

- HyperTransport 1.0/2.0 supporting speed up to 1GHz (2000MT/s)

▶ **Chipset**

- NVIDIA® MCP61 (P/S/V)

▶ **Main Memory**



- Supports Dual Channel DDR2 533/667/800
- 2 DDR2 DIMMs (240pin / 1.8V)
- Supports a maximum memory size up to 4GB.

▶ **Slots**



- One PCI Express x16 slot. (K9N6PGM-FI/F)
- One PCI Express x16 slot but only provides x8 bandwidth. (K9N6SGM-V)
- One PCI Express x1 slot.
- Two PCI slots (support 3.3v/5v PCI bus interface).

MSI Reminds You...

- K9N6SGM-V doesn't support ATI X550, x1050, X700, X800, X850 and X1800XL series graphic cards.

▶ **On-Board IDE**



- One IDE port by NVIDIA® MCP61 (P/S/V)
- Supports Ultra DMA 66/100/133 mode
- Supports PIO, Bus Master operation mode
- Can connect up to two IDE devices

▶ **On-Board SATA**

- Two SATA II ports by NVIDIA® MCP61 (P/S/V)
- Supports storage and data transfers at up to 3Gb/s

▶ **RAID Function**

- SATA II 1~2 supports RAID 0, 1 mode by NVIDIA®MCP61 (P/S/V)

MSI Reminds You...

- The RAID setup floppy disk is optional depending on the districts. You can download the files from the website to make the setup disk.

▶ **Audio**



- Chipset integrated by Realtek® ALC861/883/888
- Flexible 8-channel audio with jack sensing
- Compliant with Azalia 1.0 Spec

▶ LAN

Optional



- Supports 10/100 Fast Ethernet by Realtek 8201CL (K9N6SGM-V, K9N6VGM-V)
- Supports 10/100/1000 Fast Ethernet by Realtek 8211BL-GR (K9N6PGM-FI/F)

▶ IEEE1394 / FireWire

Optional



- Chipset integrated by VIA® VT6308P
- Transfer rate is up to 400Mbps

▶ Internal I/O Connectors

- ATX 24-pin power connector
- 4-pin ATX 12V power connector
- CPU / System FAN connectors
- CD-in connector
- 1 x Floppy disk drive connector
- 2 x SATA II connectors
- 1 x ATA133 connectors
- 2 x USB 2.0 connector support additional 4 ports
- 1 x IEEE1394 connector support additional 1 ports (Optional)
- SPDIF-Out connector
- Front panel connector
- Front panel audio connector
- Chassis intrusion switch connector
- Clear CMOS Jumper

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- The floppy disk cable will be optional.

▶ Back Panel I/O Ports

- 1 x Parallel
- 1 x PS/2 Keyboard
- 1 x PS/2 Mouse
- 1 x VGA port
- 1 x IEEE1394 port (Optional)
- 1 x 6 in 1 audio jack
- 4 x USB 2.0
- 1 x RJ45 LAN Jack

▶ Dimension

- 24.4cm(L) x 20.5cm(W) Micro-ATX Form Factor

▶ Mounting

- 6 mounting holes.

▶ Product Accessories



SATA+Power Cable



IDE Cable

MSI Reminds You...

- The accessories will probably be different according to the different selling areas of product models. For details of accessories, please refer to the descriptions on the product package.