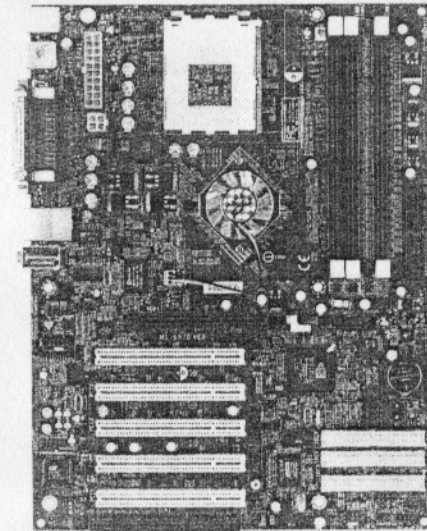




K7N2 Delta Series  
MS-6570 (v1.X) ATX Mainboard

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Version 1.3  
G52-M6570XA-R21



### FCC-B Radio Frequency Interference Statement

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

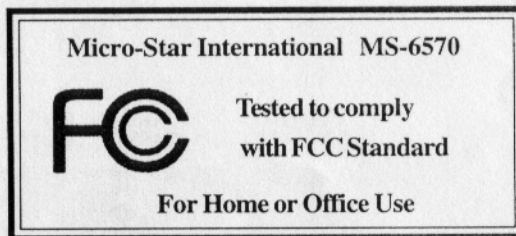
#### Notice 1

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

#### Notice 2

Shielded interface cables and A.C. power cord, if any, must be used in order to comply with the emission limits.

**VOIR LA NOTICE D'INSTALLATION AVANT DE RACCORDER AU RESEAU.**



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### Revision History

Revision	Revision History	Date
V1.3	Update specifications, MSI Special Features & Appendix	March 2003

### Technical Support

If a problem arises with your system and no solution can be obtained from the user's manual, please contact your place of purchase or local distributor. Alternatively, please try the following help resources for further guidance.

- Q Visit the MSI website for FAQ, technical guide, BIOS update information, and other information: <http://www.msi.com.tw/>
- Q Contact our technical staff at: [support@msi.com.tw](mailto:support@msi.com.tw)

## Safety Instructions

1. Always read the safety instructions carefully.
2. Keep this User's Manual for future reference.
3. Keep this equipment away from humidity.
4. Lay this equipment on a reliable flat surface before setting it up.
5. The openings on the enclosure are for air convection hence protects the equipment from overheating. **DO NOT COVER THE OPENINGS.**
6. Make sure the voltage of the power source and adjust properly 110/220V before connecting the equipment to the power inlet.
7. Place the power cord such a way that people can not step on it. Do not place anything over the power cord.
8. Always Unplug the Power Cord before inserting any add-on card or module.
9. All cautions and warnings on the equipment should be noted.
10. Never pour any liquid into the opening that could damage or cause electrical shock.
11. If any of the following situations arises, get the equipment checked by a service personnel:
  - The power cord or plug is damaged.
  - Liquid has penetrated into the equipment.
  - The equipment has been exposed to moisture.
  - The equipment has not work well or you can not get it work according to User's Manual.
  - The equipment has dropped and damaged.
  - The equipment has obvious sign of breakage.
12. **DO NOT LEAVE THIS EQUIPMENT IN AN ENVIRONMENT UNCONDITIONED, STORAGE TEMPERATURE ABOVE 60°C (140°F), IT MAY DAMAGE THE EQUIPMENT.**



**CAUTION:** Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer.

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## Mainboard Specifications

### CPU

- ▶ Supports Socket A (Socket-462) for AMD Athlon/Athlon XP /Duron processors @ FSB 266/333/400
- ▶ Supports 600MHz up to Athlon XP 3000+ processor or higher

### Chipset

- ▶ NVIDIA nForce2 SPP
  - Supports DDR200/266/333/400
  - Supports external AGP 4X/8X
- ▶ NVIDIA nForce2 MCP2 or MCP2-T
  - AC97 Interface supporting up to two concurrent codecs
  - Ultra ATA-133 for the fastest hard disk throughput
  - USB 2.0 EHCI/1.1 OHCI controller
  - FireWire® for the fastest digital connectivity (MCP2-T only)
  - Audio Processing Unit (APU) encodes audio in Dolby® Digital 5.1 format for full surround sound effects (MCP2-T only)

### Main Memory

- ▶ Supports six memory banks using three 184-pin DDR DIMMs
- ▶ Supports up to 3GB PC3200/2700/2100/1600 DDR SDRAMs
- ▶ Supports both 64-bit and 128-bit DDR SDRAM

### Slots

- ▶ One AGP (Accelerated Graphics Port) 1.5V 4X/8X slot
- ▶ Five 32-bit PCI bus slots (support 3.3v/5v PCI bus interface)
- ▶ One ACR (Advanced Communication Riser) slot

### On-Board IDE

- ▶ An IDE controller on the MCP2/MCP2-T chipset provides IDE HDD/CD-ROM with PIO, Bus Master and Ultra DMA133/100/66 operation modes
- ▶ Can connect up to four IDE devices

### On-Board Peripherals

- ▶ On-Board Peripherals include:
  - 1 floppy port supports 2 FDDs with 360K, 720K, 1.2M, 1.44M and 2.88Mbytes
  - 1 serial port

- 1 parallel port supports SPP/EPP/ECP mode
- 3 audio ports in vertical
- 2 IEEE1394 connectors (Optional)
- 1 D-Bracket2 pinheader
- 1 S-Bracket pinheader
- 1 Bluetooth pinheader (Optional)
- 6 USB ports (Rear \* 4/ Front \* 2)
- On-Board 10/100 Ethernet

### Promise 20376 Serial ATA Interface (Optional)

- ▶ Support 2 serial ATA plus 1 ATA133
  - RAID 0 or 1 are supported
  - RAID function works w/ATA133+SATA H/D or 2 SATA H/D
- ▶ Connect up to 2 SATA devices and 1 ATA133 device

### Audio

- ▶ Realtek ALC650 6-channel audio
- ▶ Dolby Digital 5.1 format (with MCP2-T option)

### In-Chip IEEE1394 (Optional)

- ▶ NVIDIA MCP2-T IEEE1394 controller
- ▶ Support up to two ports via external bracket

### BIOS

- ▶ The mainboard BIOS provides "Plug & Play" BIOS which detects the peripheral devices and expansion cards of the board automatically.
- ▶ The mainboard provides a Desktop Management Interface (DMI) function which records your mainboard specifications.

### Mounting and Dimension

- ▶ ATX Form Factor: 30.5 cm (L) x 23 cm (W)
- ▶ 6 mounting holes

### Others

- ▶ Suspend to RAM/Disk (S3/S4)
- ▶ PC2001 compliant
- ▶ Support PCI 2.2/WOR