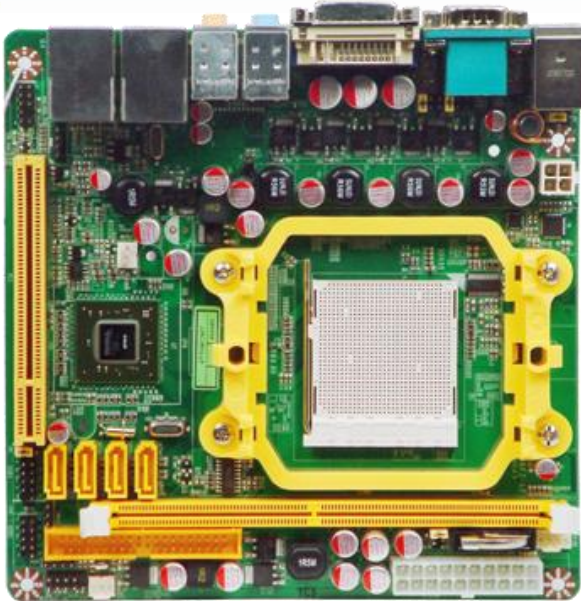


Mainboard Diagram

NC62K



- NVIDIA GeForce 8200 (MCP78S) Chipset
- Support Socket AM2+ Quad core Opteron™ & Phenom™
- Integrated Geforce 8200 GFX Core processor
- Support HTT 3000MHz
- Advanced 3-Phase PWM Design W / OC-CON Capacitors
- Single Channel DDR2 1066 Memory DIMMs Supported¹
- Support 1080i and 1080p and HDCP
- Support Dual Display and Display rotation
- Support Microsoft DirectX 10
- Support H.264, VC1 and MPEG2 video decode
- Support Blu-ray HD DVD playback²
- Support 4 SATA2 Devices with RAID 0, 1, 0+1, 5, JBOD
- Support DVI/HDMI 1.3 Output
- Dual Gigabit LAN Supported
- Azalia 8 Channel HD Audio CODEC
- 17x17cm ITX Form Factor

Mainboard Specifications

CPU	<ul style="list-style-type: none"> ■ Socket AM2 HTT 3000 MHz AMD® Opteron™ With HyperTransport Technology ■ Compatible with 64-bit Dual Core AMD® Athlon™64 X2 Processor ■ Suggest CPU power consumption <= 65W
Chipset	<ul style="list-style-type: none"> ■ NVIDIA GF-8200 (MCP78S) single chipset
Memory	<ul style="list-style-type: none"> ■ 1 * 240-pin DIMM Sockets for unbuffered DDR2 800 SDRAM up to 2 GB
Expansion Slots	<ul style="list-style-type: none"> ■ 1 * 32-bit PCI Slots
Storage	<ul style="list-style-type: none"> ■ 2 * Ultra DMA 133 / 100 / 66 IDE Devices Support ■ Embedded GeForce™8200 Chipset Supports 4 SATA2 Devices with RAID Functions.
Audio	<ul style="list-style-type: none"> ■ Realtek ALC883 8-Channel Azalia HD Audio CODEC w SPDIF in and out
Ethernet LAN	<ul style="list-style-type: none"> ■ Realtek RTL8211B PHY Gigabit Ethernet LAN ■ Realtek RTL8111C PCI-E Gigabit Ethernet LAN
USB	<ul style="list-style-type: none"> ■ Embedded 10 * High Speed USB @ 480 Mbit / s
Special Features	<ul style="list-style-type: none"> ■ Advanced Power Design that supports the latest Socket-AM2+ CPU ■ "IMAGE IT!" System Backup Software and "ProMagicPLUS!" System Recovery System
Rear Panel I / O	<ul style="list-style-type: none"> ■ 6 * High Speed USB Connectors @ 480 Mbit / s ■ 1 * PS / 2 Mouse & Keyboard Combined Connector ■ 2 * RJ45 Connector ■ 2 * Audio I / O ■ 1 * VGA Port ■ 1 * DVI port ■ 2 * DB-9 RS232 Port
Internal I / O	<ul style="list-style-type: none"> ■ 2 * High Speed USB Connectors @ 480 Mbit / s for 4 USB 2.0 Ports ■ CPU / Chassis Fan Connectors; ■ 1 * 12V 4-pin ATX Power Connector and 1 * 20-pin ATX Power Connector ■ CD / AUX Audio in
BIOS	<ul style="list-style-type: none"> ■ Award 8 MB Flash ROM
Form Factor	<ul style="list-style-type: none"> ■ 17x17cm ITX Form Factor

¹ Only AM2+ CPU supports DDR2-1066 memory modules.

² For best performance, Blu-ray HD DVD playback requires at least 1.8 GHz AMD CPU.