

Mainboard Diagram

MA3-760GSM



1. AMD™ 760G Chipset and AMD™ SB710 Chipset
2. Support AMD Socket AM2/AM2+/AM3
3. Support HyperTransport™ 3.0 technology
4. Integrated ATI Radeon HD 3000(For Microsoft DX 10)
5. Supports Dual Channel DDR2 667/800/1066
6. Supports Dual Channel DDR3 1066/1333/1600
7. Integrated Serial ATA2 3Gb/s with RAID function
8. Integrated ALC662 HD Audio CODEC with 6-CH
9. Integrated Gigabit LAN
10. Support 3D Audio Technology
11. Onboard HDMI port/DVI port /VGA port
12. M-ATX Form Factor(220x245mm)
13. Support Windows 7



Features and Benefits

AMD Phenom™ Quad-Core Processors with True Quad-Core Technology

Realize new possibilities for connecting with friends, family, and digital entertainment with the phenomenal performance of the AMD Phenom™ 9000 series quad-core processor. Built from the ground up for true quad-core performance, AMD Phenom™ processors speed through advanced multitasking, critical business productivity, advanced visual design and modeling, serious gaming, and visually stunning digital media and entertainment

AMD™ RS760 Chipset: Built for Office Productivity

Systems based on the AMD 760G chipset are packed with the latest technologies you need for your home office or small business – DirectX®10 for a Windows Vista® Premium experience and expandable to accommodate additional storage for your files. Help increase your productivity with ATI SurroundView™1 and display documents on more than one monitor with the addition of an ATI Radeon™ graphics card. The AMD 760G chipset also provides an energy efficient platform to help consume less power and help lower your energy bills. Paired with an AMD Athlon™ X2 Dual-Core processor, this system provides a competitive, stable and affordable solution.

Hyper Transport Technology 3.0

The highly scalable Hyper Transport 3.0 is capable to provide incredible bandwidth of the system bus up to 20.8GB/s which would dramatically elevate the efficiency of computing performance.

PCI Express 2.0 Buses

The PCI Express 2.0 x16 graphics delivers up to 8 GB/s per direction, 2 times more bandwidth than PCI Express x16 and up to 16 GB/s concurrent bandwidth. PCI Express x1 I/O offers 1GB/s concurrently, over 7 times more bandwidth than AGP8X, tackling the most demanding multimedia tasks nowadays

Mainboard Specifications

■ CPU	Supports AMD Socket AM3/AM2+/AM2 <ul style="list-style-type: none"> ■ AMD Socket AM3/AM2+/AM2 Series processors
■ Chipset	<ul style="list-style-type: none"> ■ AMD™ 760G Chipset + AMD™ SB710 Chipset
■ Hyper Transport Bus	<ul style="list-style-type: none"> ■ HT 3.0
■ Integrated Graphics Processor	<ul style="list-style-type: none"> ■ ATI Radeon HD 3000(For Microsoft DX 10)
■ Memory	<ul style="list-style-type: none"> ■ 2 * 240-pin DDR3 DIMM slots & 2 * DDR2 DIMM slots ■ Supports DDR3 1066/1333/1600,DDR2 667/800/1066 non-ECC ,un-buffered memory ■ Max.8GB
■ Expansion Slots	<ul style="list-style-type: none"> ■ 2 * 32-bit PCI Slots ■ 1 * PCI Express 2.0 x16 slot @16-lane
■ Storage	AMD™ SB710 Southbridge Chipset : <ul style="list-style-type: none"> ■ 6 * Serial ATA2 3Gb/s connectors ■ Supports HDDs with RAID 0, 1,5,10,JBOD Functions ■ 1 * Ultra DMA 133 / 100 / 66 IDE Connector
■ Audio	<ul style="list-style-type: none"> ■ Realtek ALC662 HD Audio CODEC with 6-Channel
■ Ethernet LAN	<ul style="list-style-type: none"> ■ Realtek RTL8111DL PCI Express Gigabit LAN
■ USB	<ul style="list-style-type: none"> ■ Embedded 8 * USB 2.0
■ Special Features	<ul style="list-style-type: none"> ■ Advanced Power Design that supports the latest Socket-AM2+ K10 CPU ■ Support G.P.I Conserve Energy Technology ■ Support Windows 7
■ Rear Panel I / O	<ul style="list-style-type: none"> ■ 4 * USB 2.0 ports ■ 1 * PS/2 mouse port ■ 1 * PS/2 keyboard port ■ 1 * VGA port & 1 * HDMI port & 1 * DVI port ■ 1 * RJ-45 port ■ 1 * Audio I / O ports
■ Internal I / O	<ul style="list-style-type: none"> ■ 2 * USB 2.0 headers for 4 USB 2.0/1.1 ports ■ CPU / Chassis Fan connectors ■ 1 * 8-pin ATX 12V Power connector ■ 1 * 24-pin ATX Power connector ■ 1 * COM header ■ CD / AUX Audio in ■ Front panel audio connector ■ 1 *HDMI_SPDIF_OUT header
■ BIOS	<ul style="list-style-type: none"> ■ AMI 8MB SPI Flash ROM
■ Form Factor	<ul style="list-style-type: none"> ■ M-ATX Form Factor (220mm * 245mm)

