

Mainboard Diagram

PA76GM5



1. AMD™ 760G Chipset and AMD™ SB710 Chipset
2. Support AM2/AM2+/AM3 processors
3. Support HyperTransport™ 3.0 technology
4. Integrated ATI Radeon HD 3000(For Microsoft DX 10)
5. Supports Dual Channel DDR2 1066/800
6. Integrated Serial ATA2 3Gb/s with RAID function
7. Integrated 10/100m LAN
8. Onboard DVI Port& VGA Port &HDMI Port
9. Integrated ALC662 HD Audio CODEC with 6-CH
10. Support Windows 7
11. Support ACC
12. Micro ATX Form Factor



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.

Serial ATA2 3Gb/s&RAID

This platform supports reliable storage solution for enhanced data protection and data accessing performance. Serial ATA 3Gb/s is firstly introduced in this platform to provide blazingly 3Gb/s bus bandwidth thus higher disk performance. The SATA RAID allows multi-disk designs to be set up as RAID 0, 1,10 based on users' priority of protection/performance, and which even makes more accessible by introducing the innovative windows-based facility

CPU Vcore Shift / Shift to the scalabilities and flexibilities

The adjustable voltage for CPU Vcore can be upgraded in stages for the precisely hardware dynamic over-clocking of demanding computing performance.

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
■ Integrated Graphics Processor	<ul style="list-style-type: none"> ■ ATI Radeon HD 3000(For Microsoft DX 10)
■ Hyper Transport Bus	<ul style="list-style-type: none"> ■ HT 3.0 2600 MHz
■ Memory	<ul style="list-style-type: none"> ■ 2 * 240-pin DDR2 DIMM slots ■ Supports Dual-Channel DDR2 1066/800/667 non-ECC ,un-buffered memory ■ Max.8GB
■ Expansion Slots	<ul style="list-style-type: none"> ■ 2 * 32-bit PCI Slots ■ 1 * PCI Express 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 0,1,10,JBOD functions ■ 1 * Ultra DMA 133 / 100 / 66 IDE connector
■ Audio	<ul style="list-style-type: none"> ■ Realtek ALC662 6-Channel HD Audio CODEC
■ Ethernet LAN	<ul style="list-style-type: none"> ■ Realtek RTL8103EL PCI-E 10/100m LAN
■ USB	<ul style="list-style-type: none"> ■ Embedded 8 * USB 2.0/1.1
■ Special Features	<ul style="list-style-type: none"> ■ Advanced Power Design that supports the latest Socket-AM2 K8 CPU ■ Support Windows 7
■ Rear Panel I / O	<ul style="list-style-type: none"> ■ 4 * USB 2.0/1.1 ports ■ 1 * PS/2 KB/mouse port ■ 1 * VGA port ■ 1 * DVI port ■ 1 * HDMI port ■ 1 * RJ-45 port ■ 3 * Audio I/O port(Line-in, mic and line-out)
■ Internal I / O	<ul style="list-style-type: none"> ■ 2 * USB 2.0/1.1 headers for 4 USB 2.0/1.1 ports ■ 1 * Audio headers ■ 1 * COM Port ■ 1 * ATX 24-pin Power Connector
■ BIOS	<ul style="list-style-type: none"> ■ Award 8MB SPI-DIP Flash ROM
■ Form Factor	<ul style="list-style-type: none"> ■ Micro ATX Form Factor(245x200mm)

