

## Mainboard Diagram

## PA76GM5D3



1. AMD™ 760G Chipset and AMD™ SB710 Chipset
2. Support AM3 processors
3. Support HyperTransport™ 3.0 technology
4. Integrated ATI Radeon HD 3000(For Microsoft DX 10)
5. Supports Dual Channel DDR3 1333
6. Integrated Serial ATA2 3Gb/s with RAID function
7. Integrated 10/100m LAN
8. Onboard DVI Port& VGA Port
9. Integrated ALC662 HD Audio CODEC with 6-CH
10. Support Windows 7
11. Support ACC
12. Micro ATX Form Factor(200mm\*245mm)



## 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

## Mainboard Specifications

■ <b>CPU</b>	<b>Supports AMD Socket AM3:</b> <ul style="list-style-type: none"> <li>■ AMD Socket AM3 Series processors</li> </ul>
■ <b>Chipset</b>	<ul style="list-style-type: none"> <li>■ AMD™ 760G Chipset + AMD™ SB710 Chipset</li> </ul>
■ <b>Integrated Graphics Processor</b>	<ul style="list-style-type: none"> <li>■ ATI Radeon HD 3000(For Microsoft DX 10)</li> </ul>
■ <b>Hyper Transport Bus</b>	<ul style="list-style-type: none"> <li>■ HT 3.0 2600 MHz</li> </ul>
■ <b>Memory</b>	<ul style="list-style-type: none"> <li>■ 2 * 240-pin DDR3 DIMM slots</li> <li>■ Supports Dual-Channel DDR3 1333/1066 non-ECC ,un-buffered memory</li> <li>■ Max.8GB</li> </ul>
■ <b>Expansion Slots</b>	<ul style="list-style-type: none"> <li>■ 2 * 32-bit PCI Slots</li> <li>■ 1 * PCI Express x16 slot @16-LANE</li> </ul>
■ <b>Storage</b>	<b>AMD™ SB710 Southbridge Chipset :</b> <ul style="list-style-type: none"> <li>■ 6 * Serial ATA2 3Gb/s connectors</li> <li>■ Supports HDDs with RAID 0,1,10,JBOD functions</li> <li>■ 1 * Ultra DMA 133 IDE connector</li> </ul>
■ <b>Audio</b>	<ul style="list-style-type: none"> <li>■ Realtek ALC662 6-Channel HD Audio CODEC</li> </ul>
■ <b>Ethernet LAN</b>	<ul style="list-style-type: none"> <li>■ Realtek RTL8103EL PCI-E 10/100m LAN</li> </ul>
■ <b>USB</b>	<ul style="list-style-type: none"> <li>■ Embedded 8 * USB 2.0/1.1</li> </ul>
■ <b>Special Features</b>	<ul style="list-style-type: none"> <li>■ Advanced Power Design that supports the latest Socket-AM3 K10 CPU</li> <li>■ Support Windows 7</li> </ul>
■ <b>Rear Panel I / O</b>	<ul style="list-style-type: none"> <li>■ 4 * USB 2.0/1.1 ports</li> <li>■ 1 * PS/2 KB/mouse port</li> <li>■ 1 * VGA port</li> <li>■ 1 * DVI port</li> <li>■ 1 * RJ-45 port</li> <li>■ 3 * Audio I/O port(Line-in, mic and line-out)</li> </ul>
■ <b>Internal I / O</b>	<ul style="list-style-type: none"> <li>■ 2 * USB 2.0 headers for 4 USB 2.0 ports</li> <li>■ 1 * COM Port</li> <li>■ 1 * ATX 24-pin Power Connector</li> </ul>
■ <b>BIOS</b>	<ul style="list-style-type: none"> <li>■ 8MB DIP Flash ROM</li> </ul>
■ <b>Form Factor</b>	<ul style="list-style-type: none"> <li>■ Micro ATX Form Factor(245x200mm)</li> </ul>

