

1. AMD™ 780V Chipset and AMD™ SB700 Chipset
2. Support Socket AM3 65W Processors
3. Support Socket AM2+ Phenom™ Processors
4. Support HT 3.0
5. Integrated ATI Radeon HD 3100(For Microsoft DX 10)
6. Supports Dual Channel DDR2 1066/800
7. Integrated Serial ATA2 3Gb/s with RAID function
8. Integrated ALC662 HD Audio CODEC with 6-CH
9. Integrated Gigabit LAN
10. CPU Vcore 7-Shift/HDMI Port
11. Ready for Windows® Vista™
12. Micro ATX Form Factor(245mm X 200mm)



## 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™ 780V Chipset: Backbone of the Performance Platform

The AMD 780V Chipset with ATI Radeon™ 3100 graphics is designed to be a stable and consistent platform for a modern commercial PC. Take advantage of superior stability and exceptional performance and power savings on a platform that is designed for enhanced longevity. The AMD 780V Chipset is the right choice for your business.

### 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

### GPU Clock Adjustable

Onboard VGA can over-clocking

### AMD New generation of 45nm AMD Socket AM3 processors

The 45nm AM3 processors that support Hyper Transport 3.0 Bus and integrate DDR2 & DDR3 memory controller, To provide advanced visual design and modeling, serious gaming, and visually stunning digital media and entertainment.

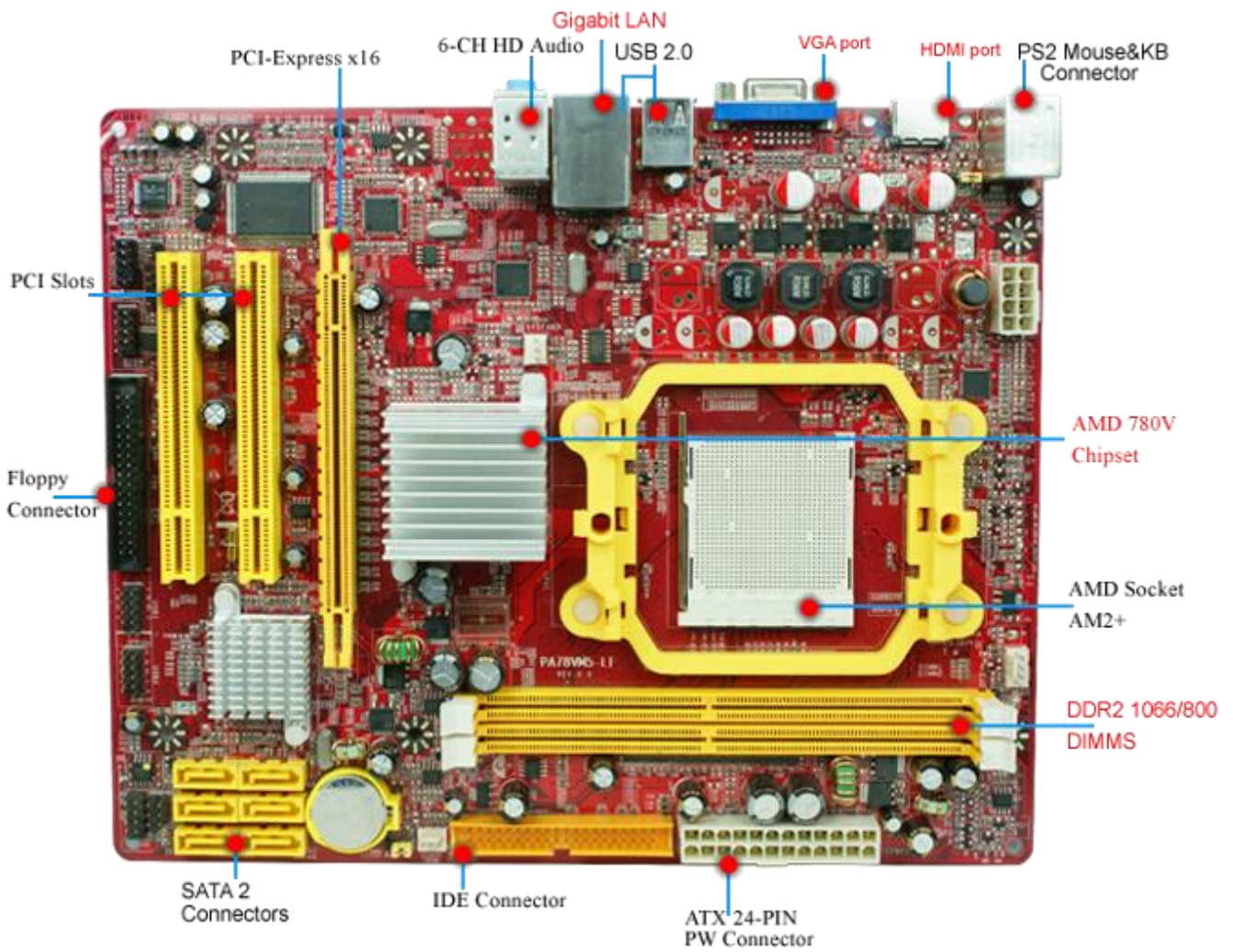
### OC-CON high-polymer solid electrolysis aluminum capacitors embedded

The working temperature is from 55 degrees Centigrade below zero to 125 degrees Centigrade, OC\_CON capacitors possess superior physical characteristics that can be while reducing the working temperature between 20 degrees Centigrade each time, intact extension 10

times of effective product operation lives, at not rising degrees Centigrade of working temperatures each time a relative one, life of product decline 10% only too.

### CPU Vcore 7-Shift / Shift to the scalabilities and flexibilities

The adjustable voltage for CPU Vcore can be upgraded in 31 stages for the precisely hardware dynamic over-clocking of demanding computing performance.



## Mainboard Specifications

■ <b>CPU</b>	<b>Supports AMD Socket AM3/AM2+/AM2:</b> <ul style="list-style-type: none"> <li>■ AMD Phenom processors</li> <li>■ Athlon 64 X2 / Athlon 64 FX / Athlon 64 / Sempron processors</li> </ul>
■ <b>Chipset</b>	<ul style="list-style-type: none"> <li>■ AMD™ 780V Chipset + AMD™ SB700 Chipset</li> </ul>
■ <b>Hyper Transport Bus</b>	<ul style="list-style-type: none"> <li>■ HT 3.0</li> </ul>
■ <b>Integrated Graphics Processor</b>	<ul style="list-style-type: none"> <li>■ ATI Radeon HD 3100(For Microsoft DX 10)</li> </ul>
■ <b>Memory</b>	<ul style="list-style-type: none"> <li>■ Dual Channel DDR2 memory technology</li> <li>■ 2 * 240-pin DDR2 DIMM slots</li> <li>■ Supports DDR2 1066/800 non-ECC ,un-buffered memory</li> <li>■ Max.4GB</li> </ul>
■ <b>Expansion Slots</b>	<ul style="list-style-type: none"> <li>■ 2 * 32-bit PCI Slots</li> <li>■ 1 * PCI Express 2.0 x16 slot @16-lane</li> </ul>
■ <b>Storage</b>	<b>AMD™ SB700 Southbridge Chipset :</b> <ul style="list-style-type: none"> <li>■ 6 * Serial ATA2 3Gb/s connectors</li> <li>■ Supports HDDs with RAID 0, 1, JBOD Functions</li> <li>■ 1 * Ultra DMA 133 / 100 / 66 IDE Connector</li> </ul>
■ <b>Audio</b>	<ul style="list-style-type: none"> <li>■ Realtek ALC662 HD Audio CODEC with 6-Channel</li> </ul>
■ <b>Ethernet LAN</b>	<ul style="list-style-type: none"> <li>■ Realtek RTL8111C PCI Express Gigabit 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-AM2 + K10 CPU</li> <li>■ Support CPU Smart FAN</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 mouse port</li> <li>■ 1 * PS/2 keyboard port</li> <li>■ 1 * VGA port</li> <li>■ 1 * HDMI port</li> <li>■ 1 * RJ-45 port</li> <li>■ 1 * Audio I / O</li> </ul>
■ <b>Internal I / O</b>	<ul style="list-style-type: none"> <li>■ 2 * USB 2.0/1.1 headers for 4 USB 2.0/1.1 ports</li> <li>■ CPU / Chassis Fan connectors</li> <li>■ 1 * 8-pin ATX 12V Power connector</li> <li>■ 1 * 24-pin ATX Power connector</li> <li>■ 1 * Serial Port of 9-pin block</li> <li>■ CD / AUX Audio in</li> <li>■ 1 * Ultra DMA 133 / 100 / 66 IDE connector</li> <li>■ Front panel audio connector</li> <li>■ 1 * Floppy connector</li> <li>■ 1 *HDMI_SPDIF_OUT header</li> </ul>
■ <b>BIOS</b>	<ul style="list-style-type: none"> <li>■ Award 8MB SPI Flash ROM</li> </ul>
■ <b>Form Factor</b>	<ul style="list-style-type: none"> <li>■ Micro ATX Form Factor(245x200mm)</li> </ul>