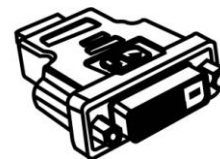1. AMD™ 780G Chipset and AMD™ SB700 Chipset
2. Support Socket AM2+ Phenom™ processors
3. Support HT 3.0
4. Integrated ATI Radeon HD 3200(For Microsoft DX 10)
5. Supports Dual Channel DDR2 800
6. Integrated Serial ATA2 3Gb/s with RAID function
7. Integrated ALC883 HD Audio CODEC with 8.0 CH
8. Integrated Gigabit LAN
9. Integrated 128MB side port memory
10. Support Blu-ray/Full HD DVD playback
11. CPU Vcore 7-Shift/HDMI Port
12. Ready for Windows® Vista™
13. Micro ATX Form Factor

HDMI To DVI Dongle

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™ 780G Chipset: Backbone of the Performance Platform

AMD™ 780G chipset based PCs feature the latest PCI-Express™ 2.0 bus technology and deliver high performance,   low latency architecture offer one of the industry's advanced core-logic solutions with qualified performance and the latest technologies-PCI Express 2.0, secure high-speed networking, and high-performance storage—and ensures that your PC stays ready for the newest games, future applications, and next-generation PC specifications

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.

ATI Hybrid Graphics Technology

To provide better gaming performance than a single graphics card, the innovative design of ATIª Hybrid Graphics Technology is capable to bring additional performance increase up to 1.75X by enabling the power of both integrated graphics core and the add-on graphics card simultaneously

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

Serial ATAⅡ 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

PCI-Express Gigabit LAN

Delivers transfer speed ten times faster than conventional 10/ 100 Ethernet connections, supporting a high transfer rate up to Gigabit/s.
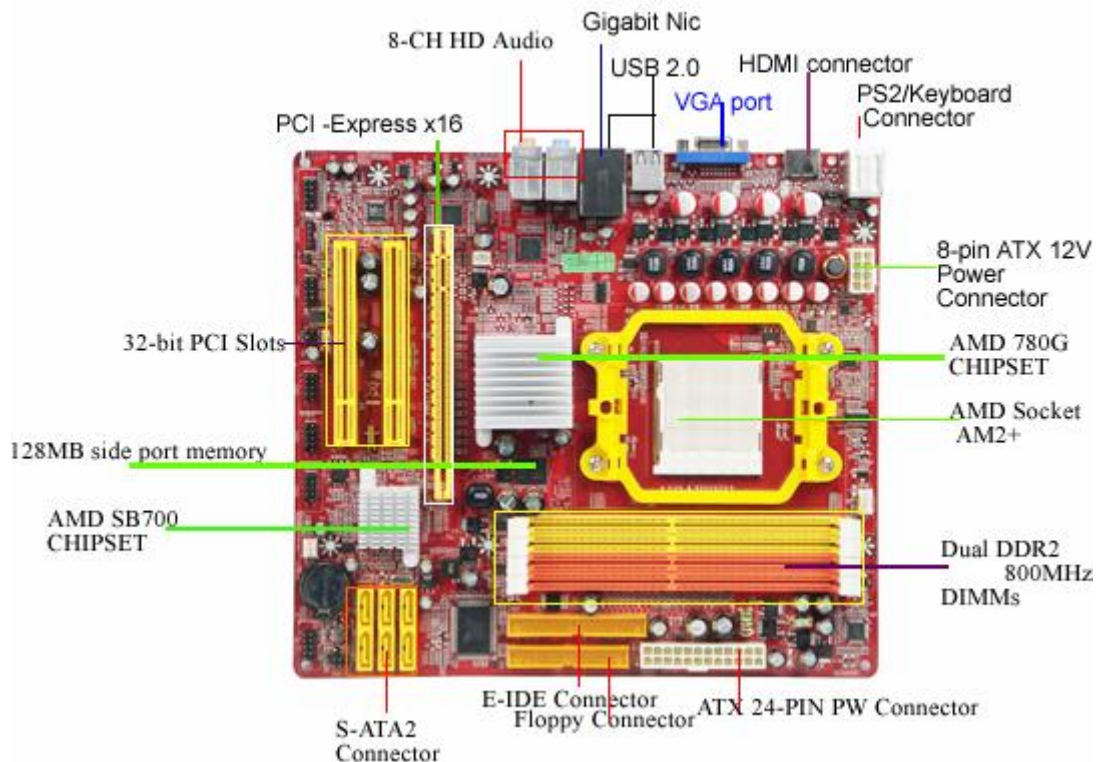
Gigabit LAN is the networking standards for the future and is ideal for handing large amount of data such as video, audio, and voice

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

CPU	**Supports AMD Socket AM2+/AM2:** ■ AMD Phenom processors ■ Athlon 64 X2 / Athlon 64 FX / Athlon 64 / Sempron processors
Chipset	■ AMD™ 780G Chipset + AMD™SB700 Chipset
Hyper Transport Bus	■ HT 3.0
Intergrated Graphics Processor	■ ATI Radeon HD 3200(For Microsoft DX 10) ■ Integrated 128MB side port memory
Memory	■ Dual Channel DDR2 memory technology ■ 4 * 240-pin DDR2 DIMM slots ■ Supports DDR2 800 non-ECC ,un-buffered memory ■ Max.8GB
Expansion Slots	■ 2 * 32-bit PCI Slots ■ 1 * PCI Express 2.0 x16 slot @16-lane
Storage	AMD™SB700 Southbridge Chipset : ■ 6 * Serial ATA2 3Gb/s connectors ■ Supports HDDs with RAID 0, 1,10 Functions ■ 1 * Ultra DMA 133 / 100 / 66 IDE Connector
Audio	■ Realtek ALC883 8-Channel HD Audio CODEC
Ethernet LAN	■ Marvell 88E8056 PCI Express Gigabit NIC
USB	■ Embedded 10 * USB 2.0/1.1
Special Features	■ Advanced Power Design that supports the latest Socket-AM2 + K10 CPU
Rear Panel I / O	■ 4 * USB 2.0/1.1 ports ■ 1 * PS/2 mouse port ■ 1 * PS/2 keyboard port ■ 1 * VGA port ■ 1 * HDMI port ■ 1 * RJ-45 port ■ 1 * Audio I/O
Internal I / O	■ 3 * USB 2.0/1.1 headers for 6 USB 2.0/1.1 ports ■ CPU / Chassis Fan connectors ■ 1 * 8-pin ATX 12V Power connector ■ 1 * 24-pin ATX Power connector ■ 1 * Serial Port of 9-pin block ■ CD / AUX Audio in ■ 1 * Ultra DMA 133 / 100 / 66 IDE connector ■ Front panel audio connector ■ 1 * Floppy connector ■ 1 * SPDIF header
BIOS	■ Award 8MB SPI Flash ROM
Form Factor	■ Micro ATX Form Factor