

Mainboard Diagram



XBLUE-78GA3

1. AMD™ 780G Chipset and AMD™ SB700 Chipset
2. **AM3 CPU ready**
3. Supports Socket AM2/AM2+ Phenom™ processors
4. **Onboard DDR2 64MB sideport memory**
5. Integrated ATI Radeon HD 3200(For Microsoft DX 10)
6. **Support G.P.I Technology**
7. Support Dual Channel DDR3 / DDR2
8. Integrated Serial ATA2 3Gb/s connectors with RAID function
9. Integrated Gigabit LAN
10. Integrated ALC662 HD Audio Codec with 6.0 CH
11. **Support WI-FI Technology**
12. Onboard HDMI port/VGA port/DVI port
13. Ready for Windows® Vista™
14. ATX Form Factor(295x215mm)

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

The AMD 780G Chipset with ATI Radeon™ 3200 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 780G Chipset is the right choice for your business

Jetway G.P.I Technology

G.P.I is the acronym for the "Green Power Indicator" technology. Jetway's motherboard series with G.P.I technology have a specially designed chip for real-time detecting CPU workload. The green power indicator will automatically turn off when CPU workload is heavy and turn on when CPU workload is light to indicate power saving mode being activated.

WI-FI Technology

WIFI--Full name is wireless Fidelity. It has been used in Notebook, mobile phone, PDA, digital cameras and Mobile Terminals widely. With WIFI. We do not need to worry about the speed and high spending when we dialing long-distance calls, browsing web pages, receiving and sending E-mails, loading music, delivering digital photos.

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.

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

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 inn

Mainboard Specifications

<ul style="list-style-type: none"> ■ CPU 	<p>Supports AMD Socket AM3/AM2+/AM2:</p> <ul style="list-style-type: none"> ■ AMD Phenom series processors ■ Athlon 64 X2 / Athlon 64 FX / Athlon 64 / Sempron processors
<ul style="list-style-type: none"> ■ Chipset 	<ul style="list-style-type: none"> ■ AMD™ 780G Chipset and AMD™ SB700 Chipset
<ul style="list-style-type: none"> ■ Hyper Transport 	<ul style="list-style-type: none"> ■ HT 3.0
<ul style="list-style-type: none"> ■ Memory 	<ul style="list-style-type: none"> ■ Dual Channel DDR3/DDR2 memory technology ■ 2 * 240-pin DDR2 DIMM slots & 2* 240-pin DDR3 DIMM slots ■ Supports DDR2 1066MHz / DDR3 1333MHz non-ECC ,un-buffered memory ■ DDR2 Max.4GB & DDR3 Max.4GB
<ul style="list-style-type: none"> ■ Expansion Slots 	<ul style="list-style-type: none"> ■ 2 * PCI slots ■ 1 * PCI Express x16 slot by 16-lane ■ 1 * PCI Express x16 slot by 4-lane ■ 1 * PCI Express x1 slot
<ul style="list-style-type: none"> ■ Storage 	<p>Embedded AMD SB700 Chipset :</p> <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 for 2 IDE devices
<ul style="list-style-type: none"> ■ Audio 	<ul style="list-style-type: none"> ■ Realtek ALC662 HD Audio CODEC with 6-Channel
<ul style="list-style-type: none"> ■ Ethernet LAN 	<ul style="list-style-type: none"> ■ Realtek RTL8111CVC PCI-E Gigabit LAN
<ul style="list-style-type: none"> ■ USB 	<ul style="list-style-type: none"> ■ Embedded 8 * USB 2.0/1.1
<ul style="list-style-type: none"> ■ Special Features 	<ul style="list-style-type: none"> ■ Advanced Power Design that supports the latest Socket-AM3 CPU ■ Support CPU Smart FAN & G.P.I Technology & D.I.Y Switch x2
<ul style="list-style-type: none"> ■ Rear Panel I / O 	<ul style="list-style-type: none"> ■ 4 * USB 2.0/1.1 ports ■ 1 * PS/2 mouse port ■ 1 * PS/2 keyboard port ■ 1 * VGA port & 1 * DVI port & 1 * HDMI port ■ 1 * RJ-45 port ■ 1 * Audio I / O port
<ul style="list-style-type: none"> ■ Internal I / O 	<ul style="list-style-type: none"> ■ 2 * USB 2.0/1.1 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 ■ CD / AUX Audio in ■ 1 * Ultra DMA 133/100/66 IDE connector ■ 1 * Floppy connector ■ 1 * COM header & 1 * IR header ■ Front panel audio connector ■ 1 * HDMI_SPDIF header ■ 1 * WI-FI header
<ul style="list-style-type: none"> ■ BIOS 	<ul style="list-style-type: none"> ■ AMI 8MB DIP Flash ROM
<ul style="list-style-type: none"> ■ Form Factor 	<ul style="list-style-type: none"> ■ ATX Form Factor (295mm X 215mm)

