

2011

Mainboard

Product Launch Guide

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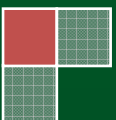
Thunder Series Motherboard

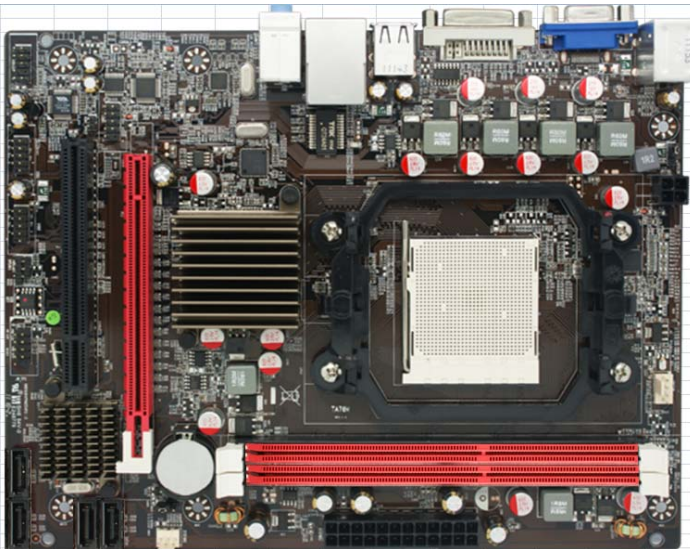


Jetway Information Co., Ltd.

www.jetway.com.tw

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1. AMD™ 880G Chipset and AMD™ SB710/SB750 Chipset
2. Support Athlon II Series & Phenom II Series AM3 CPU
3. Integrated ATI Radeon™ 4250 graphics
4. Supports Dual Channel DDR3 1333/1066/800
5. Integrated Serial ATA2 3Gb/s with RAID function
6. Integrated Gigabit LAN
7. Onboard VGA and DVI port
8. Integrated HD Audio CODEC with 6.0 CH
9. Support Thunder Protection Function
10. 3+1 Phase CPU Power Support
11. Ready for Windows® 7
12. Micro ATX Form Factor (180 x 230 mm)



Features and Benefits

Thunder Protection Technology from Jetway Thunder Series Motherboard

Jetway Thunder series motherboards are integrated with double thunder-protection walls, one from network port and the other from LAN chip. The first thunder-protection wall will analyze and identify thunderbolt surges in network cable when it thunders and transfer thunder surge to ground wire area. The second thunder-protection wall will protect against any residual electric current or runaway electrons to ensure safety of network card and other components from the motherboard.

Laboratory test statistics on IEC61000-4-5 (1.2-50us) specialized thunderbolt surge tests have verified that Jetway Thunder series motherboard can endure up to 9KV thunderbolt surge and protect the system from possible thunder damage.

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.

PCI Express x16 Slot @ 16-LANE Bandwidth for PCI Express Interface VGA Cards

Designed to run with the next-generation PCI Express bus architecture; the motherboard offers 1 PCI Express x16 slot with 16 lanes bandwidth to support PCI-Express interface compatible add-in cards.

AMD 880G Chipset

The AMD 880G Chipset with ATI Radeon™ 4250 graphics combines the performance of DirectX® 10 with a price that's hard to beat. Paired with an AMD Athlon™ X2 dual-core processor, the system is perfect for everyday computing for your home or home business. Systems based on the AMD 8800G chipset and AMD Athlon dual-core processors are loaded with some of today's latest technologies that are ideal for downloading media, sharing files, or for novice gamers. Get one now and see for yourself!

Enjoy the benefits of modern computing while using low power. Designed for outstanding power management, systems based on the AMD 880G chipset and AMD Athlon™ X2 dual-core processor provide efficient processing while still helping you save on energy costs.

Serial ATA2 with RAID

Serial ATA2 is an evolutionary replacement for the Parallel ATA physical storage interface. Users of the Serial ATA2 interface benefit from greater speed, simpler upgradeable storage devices and easier configuration. Integrated Serial ATA2 controller of high-speed data transfers at up to 300 MB/s for each port and optional available on different model is RAID 0 and RAID 1 support.

Motherboard Specifications

■ CPU	Support AMD Socket AM2/AM2+/AM3: <ul style="list-style-type: none"> ■ Support Athlon II Series & Phenom II Series AM3 CPU
■ Chipset	<ul style="list-style-type: none"> ■ AMD™ 880G Chipset and AMD™ SB710/SB750 Chipset ■ FSB: 3000 MHz
■ Hyper Transport Bus	<ul style="list-style-type: none"> ■ HT 3.0 ■ Supports 2.6 GHz Hyper Transport interface speeds
■ Memory	<ul style="list-style-type: none"> ■ Dual Channel DDR3 memory technology ■ 2 * 240-pin DDR3 DIMM slots ■ Support DDR3 1333/1066 non-ECC ,un-buffered memory ■ Max.8 GB
■ Expansion Slots	<ul style="list-style-type: none"> ■ 1 * 32-bit PCI Slot ■ 1 * PCI EXPRESS x16 Slot by 16 LANE
■ Storage	AMD™SB710/SB750 Southbridge Chipset : <ul style="list-style-type: none"> ■ 4 * Serial ATA2 3Gb/s connectors ■ Support HDDs with RAID 0,1,5,10, JBOD functions
■ Audio	<ul style="list-style-type: none"> ■ 6-Channel Audio CODEC
■ Ethernet LAN	<ul style="list-style-type: none"> ■ PCI Express Gigabit Ethernet LAN
■ USB	<ul style="list-style-type: none"> ■ Embedded 8 * USB2.0 / 1.0 ports
■ Special Features	<ul style="list-style-type: none"> ■ Thunder Protection Function
■ Rear Panel I / O	<ul style="list-style-type: none"> ■ 4 * USB2.0 ports

	<ul style="list-style-type: none"> ■ 1 * VGA and 1 * DVI port ■ 1 * PS/2 Mouse & 1 * PS/2 Keyboard ■ 1 * RJ-45 port and 1 * Audio I / O
■ Internal I / O	<ul style="list-style-type: none"> ■ 2 * USB headers for 4 * USB2.0 ports ■ 1 * COM header ■ CPU / Chassis Fan connectors ■ 1 * 12V 4-pin ATX Power connector ■ 1 * 24-pin ATX Power connector ■ 1 * HDMI_SPDIF header and 1 * AUDIO header
■ BIOS	<ul style="list-style-type: none"> ■ 8MB SPI Flash ROM
■ Form Factor	<ul style="list-style-type: none"> ■ Micro ATX Form Factor (180 x 230 mm)

- For further information please visit the website at <http://www.jetway.com.tw>
- The Specification may be changed without further notice.

Product Accessories

