



1. AMD™ 890GX Chipset and AMD™ SB850 Chipset
2. AND AM3 Processor Ready, up to 125W, HT 3.0
3. Dual Channel DDR3 1333/1066
4. Integrated 2-port NEC USB 3.0
5. Integrated ATI Radeon™ HD 4290 Graphics
6. Dedicated 128MB DDR3 Sideport Video Memory
7. Supports ATI CrossFireX™ & Hybrid CrossFire™ Technology
8. Integrated SATA3 6Gb/s with RAID
9. Integrated Realtek Gigabit LAN
10. Integrated Realtek 8-CH HD Audio
11. Patented 3D Audio Technology
12. G.P.I Technology, OC-CON Capacitors
13. ATX Form Factor (305mm X 245mm)



Features and Benefits

Next Generation AMD Socket AM3 Processors

AMD Athlon II and Phenom II processors ignite the next generation of solutions for desktops. Whether it's playing games, cloud computing or editing home videos, enjoy a better experience with AMD multi-core processors.

Ultimate HD Experience

The AMD 890GX Chipset with ATI Radeon™ HD 4290 Graphics enables an exceptionally power-efficient platform at an incredible value. Bringing features and performance that enrich what you see and do, including next generation gaming and a superior HD video experience, the ATI Radeon™ HD 4290 Graphics with AMD 890GX Chipset transforms your PC into a digital media powerhouse. Let your desktop PC be the center of your entertainment lifestyle with full 1080p HD playback. Get dual-stream PiP (Picture in Picture) on Blu-ray™ 1.1 playback with multi-monitor capability and support for DVI and HDMI.

ATI CrossfireX & ATI Hybrid Graphics Technology

ATI CrossFireX™ is the ultimate multi-GPU performance gaming platform. Enabling game dominating power, ATI CrossFireX technology enables two ATI graphics cards to work together to improve system performance. By using the onboard ATI Radeon HD 4290 along with a single ATI graphics card you can enable ATI Hybrid graphics, giving you more powerful graphics when you need it.

Serial ATA Revision 3.0 6Gb/s & RAID

The next generation Serial ATA revision 3.0 has arrived. Take advantage of the latest SATA 6Gb/s devices today and keep backward compatibility with SATA 1.5Gb/s and 3Gb/s devices. The AMD SB850 controller also features built-in support for RAID 0, 1, 5, 10 or JBOD functions, so you can setup multiple drive arrays for massive storage, increased speed, or to backup important data.

USB 3.0 (SuperSpeed USB)

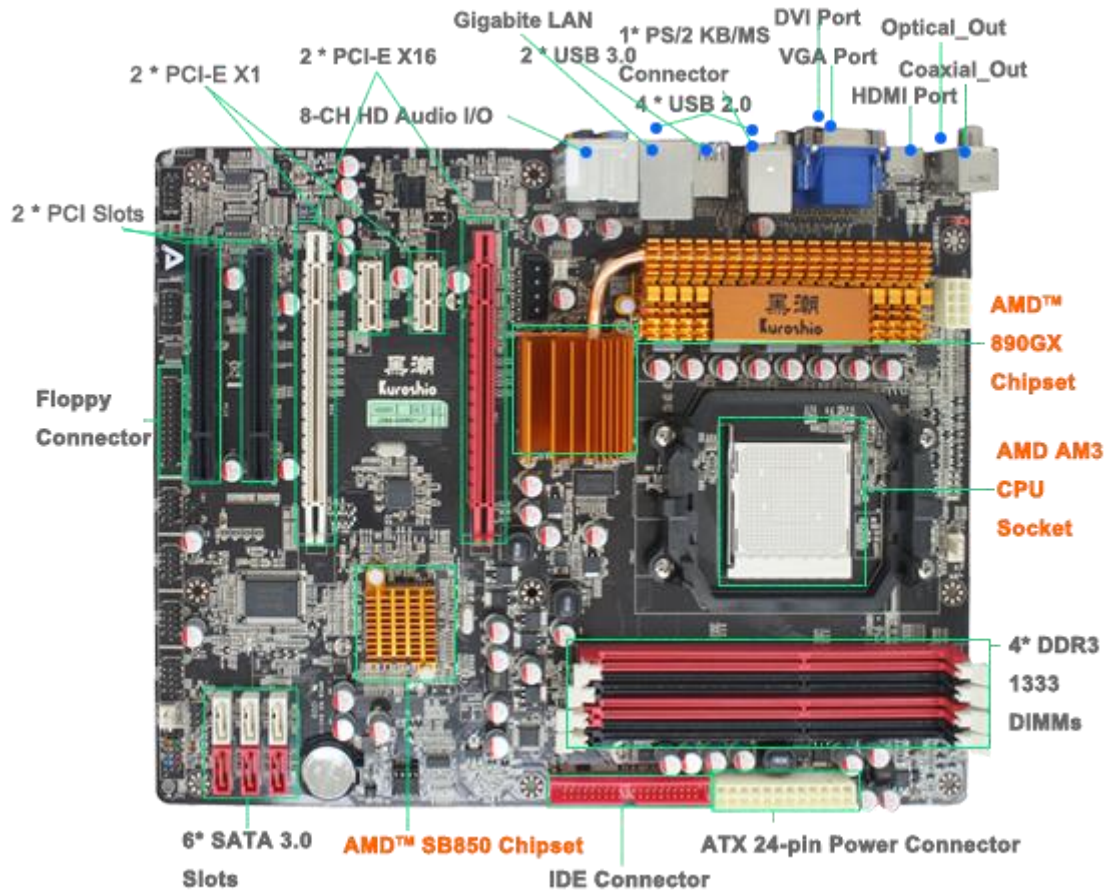
SuperSpeed USB brings significant performance enhancements to the ubiquitous USB standard, while remaining compatible with the billions of USB enabled devices currently deployed in the market. SuperSpeed USB will deliver 10x the data transfer rate of USB 2.0, as well as improved power efficiency.

G.P.I technology & OC-CON

Jetway Green Power Indicator (GPI) conserves power and provide energy efficiency, saving power, money, and the environment. OC-CON high-polymer solid capacitors allows for extreme stability and helps extend the life of your motherboard.

Motherboard Specifications

■ CPU	<ul style="list-style-type: none"> ■ AMD AM3 Athlon II & Phenom II processors, up to 125W
■ Chipset	<ul style="list-style-type: none"> ■ AMD™ 890GX Chipset + AMD™ SB850 Chipset
■ HyperTransport	<ul style="list-style-type: none"> ■ HyperTransport™ 3.0
■ Memory	<ul style="list-style-type: none"> ■ Dual Channel DDR3 1333/1066 MHz non-ECC, un-buffered memory ■ 4 * 240-pin DDR3 DIMM slots, up to 16GB
■ Expansion Slots	<ul style="list-style-type: none"> ■ 1 * PCI Express 2.0 x16 slot (x16 bandwidth) ■ 1 * PCI Express 2.0 x16 slot (x8 bandwidth) <ul style="list-style-type: none"> ■ Running at x8/x8 in CrossFireX mode ■ 2 * PCI Express x1 slots ■ 2 * 32-bit PCI slots
■ Storage	<ul style="list-style-type: none"> ■ SB850: 6 * Serial ATA3 6Gb/s connectors ■ Supports RAID 0, 1, 5, 10, JBOD ■ JMicron: 1 * Ultra DMA 133 IDE connector, up to 2 devices
■ Video	<ul style="list-style-type: none"> ■ ATI Radeon HD 4290 Graphics ■ Dedicated 128MB DDR3 Sideport Video Memory ■ Supports DirectX 10.1, Hardware 1080p HD Blu-ray playback, MPEG2, VC-1, and H.264
■ Audio	<ul style="list-style-type: none"> ■ Realtek ALC883 7.1 Channel HD Audio ■ Patented 3D Audio Technology
■ Ethernet LAN	<ul style="list-style-type: none"> ■ Realtek RTL8111DL PCI Express Gigabit LAN
■ USB	<ul style="list-style-type: none"> ■ 12 * USB 2.0 + 2 * USB 3.0
■ Special Features	<ul style="list-style-type: none"> ■ Support ACPI S3 & G.P.I Technology
■ Rear Panel I / O	<ul style="list-style-type: none"> ■ 6 * USB 3.0/2.0 ports (2* USB 3.0 + 4* USB 2.0) ■ 1 * PS/2 keyboard port or mouse port ■ 1 * VGA port ■ 1 * DVI-D port ■ 1 * HDMI 1.3 port ■ 1 * RJ-45 port ■ 1 * Coaxial Out ■ 1* Optical Out ■ 1 * Audio I / O ports
■ Internal I / O	<ul style="list-style-type: none"> ■ 4 * USB 2.0 headers for 8 USB 2.0 ports ■ CPU / Chassis Fan connectors ■ 1 * 8-pin ATX 12V Power connector ■ 1 * 24-pin ATX Power connector ■ 1 * COM header & 1 * Parallel header ■ 1 * IR header ■ 1 * HDMI_SPDIF header
■ BIOS	<ul style="list-style-type: none"> ■ 16MB DIPx1 Flash ROM
■ OS	<ul style="list-style-type: none"> ■ Support for Microsoft Windows 7/Vista/XP
■ Form Factor	<ul style="list-style-type: none"> ■ ATX Form Factor (305mm X 245mm)



Product Accessories



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