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MOTHERBOARD Socket AM2

A-S78H








- Socket AM2/AM2+
- AMD 780G/ SB700 Chipset
- HD3200 Graphics
- 5200MT/s HT with AM2+
- Dual Channel DDR2 1066
- New generation PCI-E2.0 x16
- SATA 3Gb/s RAID 0/1/ 0+1
- Gigabit LAN
- ATI Hybrid CrossFireX™ Technology
- abit Softmenu™ Technology
- RoHS Compliant

Browse by processor

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Product Image



Specifications

AMD Phenom™ FX Processors -Multi-core performance for life-like gaming, crystal clear digital media, and serious mega tasking

Native, True Quad-Core Processor – Improve overall performance
 AMD Phenom™ FX Processors are the True Quad-Core Processors which allow cores to communicate on the same piece of silicon using Direct Connect Architecture with caches and core performance enhancements

Hyper Transport 3.0 Technology
 With the Hyper Transport 3.0 Technology, systems with Socket AM2+ processor can support data rates up to 5200MT/s

Integrated DDR2 Memory Controller –Supports Dual DDR2 1066
 Users are able to get a faster and better PC experience due to the integrated Dual Channel DDR2 Controller with up to DDR2 1066 support which allows dramatic application performance improvements with greater system throughput and lower latency

ATI Hybrid CrossFireX™ Technology -Provides the ultimate visual experience

ATI Hybrid Graphics Technology

- Enabled Hybrid Graphics models: ATI HD2400XT, HD2400Pro, HD3470 and HD3450 VGA cards, providing the ultimate visual experience.
- Hybrid CrossFireX offers multi-GPU performance capabilities by enabling an integrated graphics processor and a discrete graphics processor to operate simultaneously with combined output to a single display for blisteringly-fast frame rates.
- DirectX10, improving graphics and gaming performance under Windows Vista®



ATI UVD -The Unified Video Decoder Technology provides most advanced video graphics performance

ATI UVD is a hardware decoder allowing you to enjoy Blu-ray and HD-DVD playback with lower power consumption and reduced CPU utilization



ATI SurroundView™ - See more, do more.

Product Information

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The A-S78H supports SurroundView™ technology, for two integrated independent display controllers for the CRT, HDMI/ DVI interfaces. You can spread your work across to up to 4 monitors.

4 Phase OC-PWMs - Longer service life, greater stability



The 4-phase OC-PWM layout provides sufficient power and great stability for AM2+/AM2 CPU and Overclockability.

- ⋮ **CPU**

 - AMD AM2+/ AM2 Processor using Hyper Transport™ Technology for up to 5200MT/s
 - * AM2+ running HT3.0 5200MT/s
 - * AM2 running HT1.0 2000MT/s
 - AMD Cool 'n' Quiet Technology
- ⋮ **Chipset**

 - AMD® 780G chipset with ATI Radeon™ HD 3200 Graphics/SB700
- ⋮ **Memory**

 - 4 x 240-pin DIMM sockets support max. memory capacity 8GB
 - Supports Dual channel DDR2 1066/ 800/ 667 Un-buffered ECC/ Non-ECC memory
 - * DDR2 1066 is supported by CPU AM2+ only
- ⋮ **Graphic**

 - Integrated ATI HD3200-based graphics engine DirectX 10 with Shader model 4.0 support
 - ATI® Hybrid CrossFireX technology
 - ATI® UVD (Unified Video Decoder)
 - Supports SurroundView™
- ⋮ **Audio**

 - On board 5.1 CH HD Audio CODEC
- ⋮ **Expansion Slots**

 - 1 x PCI-E X16 (PCI Express 2.0)
 - 1 x PCI-E X1, 2 x PCI
- ⋮ **LAN**

 - On board GbE LAN
- ⋮ **Internal I/O**

 - 1 x Floppy Port supports up to 2.88MB
 - 1 x Ultra DMA 133/ 100/ 66/ 33 IDE Connector
 - 4 x USB2.0 header (support 8 ports)
 - 6 x SATA 3Gb/s connector
 - 1 x HDMI Audio header
- ⋮ **Back Panel I/O**

 - 1 x PS/2 Keyboard
 - 1 x HDMI, 1 x VGA, 1 x DVI
 - 4 x USB2.0, 1 x RJ-45 LAN Connector
 - 5.1 CH HD Audio connector (Front, Line-in, MIC-in)
- ⋮ **Serial ATA**

 - 6 x SATA 3Gb/s
 - Supports SATA RAID 0/ 1/ 0+1
- ⋮ **Form Factor**

 - Micro ATX form factor 244 x 244mm
- ⋮ **RoHS**

 - 100% lead-free process and RoHS compliant

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>> abit SoftMenu™

The original jumperless motherboard design allows for CPU setting changes completely through the BIOS. For GigaOverclocking! Boost your PC's Performance by up to 50%. Convenient and easy-to-use fine tuning from within a self-explanatory BIOS menu.



>> abit EQ

The abit EQ is a self-diagnostic system that protects PC hardware by monitoring voltages, CPU & system fans speed, and CPU/system temperature. With new generation abit EQ interface, you are going to have a yet more user-friendly experience.



>> abit FlashMenu™

Click, click, and click! The abit FlashMenu™ makes BIOS updates so easy, so quick, and so safe.

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