

-
- Press Center
- BIOS Guide
- CPU support
- Downloads
- BIOS
- Drivers
- Utilities
- Manuals
- FAQs
- Awards
- Contact Us
- Abroad
- R&D
- Customer Service
- Copyright info
- HOME
- Newsletter Sign-Up
-
- Subscribe / Unsubscribe
- Search
- Product
- FAQs
- News
- Award

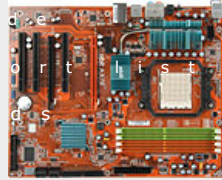
MOTHERBOARD

Socket AM2

Browse by processor

-- Select One -- ▼

AX78



- Socket AM2/AM2+
- AMD 770 / SB600 Chipset
- HT3.0 5200MT/s
- Dual Channel DDR2 1066
- 2 x PCI-E X16



- SATA 3Gb RAID
- Gigabit LAN
- 7.1CH HDAudio
- EZ CMOS Switch
- abit Silent OTES™
- RoHS Compliant



- AMD Athlon X2
- AMD Athlon

Product Image



Product Information

[Specifications](#)

[News](#)

[Awards](#)

Support Information

[BIOS](#)

[Driver](#)

[Utility](#)

[Manual](#)

[SPEC.PDF](#)



[Optional W-Fi Accessories](#)



Specifications

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



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 Transport3.0 Technology

With Hyper Transport3.0 Technology, they system supports Socket AM2/AM2+ 940 Processor up to 5200MT/s

Integrated DDR2 Memory Controller –Support 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 Dual Graphic Technology



For high-end gaming and Xtreme visual performance the abit AX78 is equipped with two PCI Express 2.0 x 16 slots (1x16, 1x4 bandwidth) supporting ATI dual graphics.

EZ CMOS Switch - Safe and Quick!



Clear the CMOS memory directly from the back panel, using abit's innovative new EZ switch. It is easy and convenient to go back to safe grounds if you are pushing your hardware to the extreme and experiment with risky settings.

abit Silent OTES™ heatpipe cooling - Keep it cool & quiet!



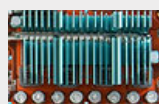
abit's Silent OTES™ heatpipe technology dissipates heat from the chipset and conducts it to a highly effective heatsink. This fanless solution keeps your motherboard cool and quiet.

Special PWM Design - Keep your system efficient and stable all the time



4 Phase PWM-better power switch efficiency, and power supply

4-Phase-PWMs are composed of high quality Japanese-made capacitors. Each phase is composed of one high-side MOS and two low-side MOS. This design brings the system with better power switch efficiency. Also, with 4-phase-PWMs, the system is providing better power supply and increased stability.



PWM Heatsink-less heat, increased performance

With a dedicated heatsink on the PWM area, generated heat is efficiently dissipated, providing end-users with a more consistent and stable environment.



1 Phase PWM support DDR2 Memory

1 phase PWM which is also composed of high quality Japanese-made capacitors, delivering enhanced voltage stability to DDR2 memory.

abitsilent OTES™ heatpipe cooling

Safe and Quick!

Clear the CMOS memory directly from the back panel, using abitsilent's innovative new EZ switch. It is easy and convenient to go back to safe grounds if you are pushing your hardware to the extreme and experiment with risky settings.

- **CPU**
 - Supports Socket AM2/AM2+ 940 Processor with HT3.0 5200MT/s (Full Duplex) systembus using Hyper Transport™ Technology
 - AMD Cool 'n' Quiet Technology
- **Chipset**
 - AMD 770 / SB600 Chipsets
- **Memory**
 - 4 X 240-pin DIMM sockets support max. memory capacity 8GB
 - Supports Dual channel DDR2 1066/800/667 Un-buffered Non-ECC memory
- **LAN**
 - Gigabit Ethernet
- **Audio**
 - On board 7.1 CH HD Audio CODEC
 - Auto Jack Sensing and Optical S/P DIF out
- **Expansion Slots**
 - 2 x PCI-E X16 (1 X 16; 1X4 bandwidth) , 1 x PCI-E X1, 3 x PCI
- **Internal I/O**
 - 1 x Floppy Port supports up to 2.88MB
 - 1 x Ultra DMA 133/100/66/33 IDE Connector
 - 3 x USB 2.0 headers (support 6 ports)
 - 4 x SATA 3Gb/s connectors
 - 1 X HDMI Audio header
- **Back Panel I/O**
 - 1 x PS/2 Keyboard, 1 x PS/2 Mouse
 - 1 x EZ CMOS Switch
 - 1 X S/P DIF Out
 - 7.1 CH Audio connector (Front, Line-in, MIC-in, Center/ Subwoofer, Surround, Rear Surround)
 - 4 x USB 2.0, 1 x RJ-45 LAN Connector
- **Serial ATA**
 - 4 x SATA (RAID) 3 Gb/s
 - Supports SATA RAID 0/1/0+1
- **Form Factor**
 - ATX form factor 305 x 245mm
 - PCB Color: Orange
- **RoHS**
 - 100% lead-free process and RoHS compliant

abitsilent Engineered



>> abitsilent OTES™

The abitsilent patented heat pipe absorbs and conducts thermal energy from the North bridge to the PWM area where the airflow blows heat out of the case through the back panel.



>> abitsilent 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.



>> abitsilent EQ

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

Total Rows: 5 Page: 1/1

Model	Logo	Media	Country	Award	Date
AX78		Xtreme Computing	UK	Xtreme Computing Recommended	2008/06/30
AX78		Xtreme PC	Romania	Nr. 1	2008/06/11
AX78		CPU3D	UK	Value award	2008/05/11
AX78		Hardwarezone Malaysia	Malaysia	Silver	2008/05/01
AX78		3DGameMan	Canada	Great gameman's pick	2008/03/19

