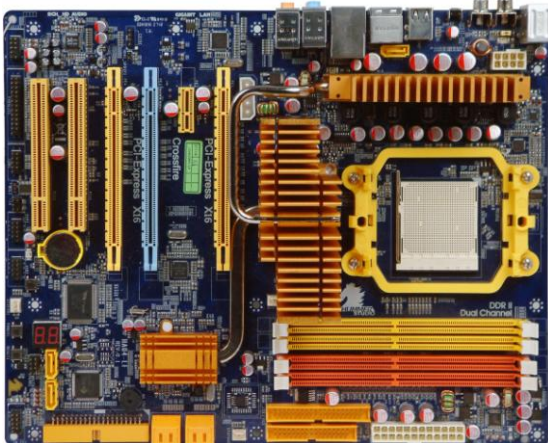


Mainboard Diagram



HA04-Extreme

- AMD™ 790FX Chipset and AMD™ SB600 Chipset
- Support Socket AM2+ AMD Phenom™
- Socket AM2 64-bit dual core AMD Athlon™64 X2 processor
- Support HT 3.0
- 1 PCI Express x16@16-lane and 2 PCI Express x16@8-lane (For ATI Cross Fire X Technology)
- Dual Channel DDR2 1066 Memory DIMMs Supported
- Support 6 Serial ATA Devices with RAID 0, 1, 10, JBOD
- Ready for Windows® Vista™
- PCI Express Gigabit LAN Supported
- 8-Channel HD Audio CODEC
- CPU V-core 31-Shift / Debug Port
- ATX Form Factor



Accessories



Free Gift(2GB USB HUB)



e-SATA Power



USB Cable



e-SATA Cabel



SATA To e-SATA Cable



8 In 1 Cabel Pack
(4*SATA Cabel+2*SATA Power Cabel+
1*IDE Cabel+1+Floppy Cabel)



&



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™ 790FX Chipset: Backbone of the Performance Platform

The AMD 790FX Chipset supports triple and quad-graphics to give your system ultimate performance scaling capability from a single motherboard. To satisfy the enthusiast's need for speed and control, configure your graphics in different modes. Get the inside edge when you pair an AMD 790FX Chipset-based motherboard with the best AMD Phenom™ FX true quad-core processor

AMD™ SB600 Southbridge Chipset

AMD SB600 Series offers advanced technologies and superior performance to any chipset platform solution for AMD desktop and mobile applications. With superior performance and broad-based connectivity, SB600 is rich in all the latest advanced features such as 10 USB 2.0 ports and audio. Designed for full data access for the fastest Windows Vista experience, it features new disk controller technologies that ensure fast file access while providing encryption for data security. AMD SB600 is designed with advanced power management for low power consumption and energy efficient platforms.

ATI CrossFire™ Technology

CrossFire is the ultimate multi-GPU performance gaming platform, enabling game-dominating power from CrossFire ready motherboards for AMD and Intel® processors and multiple ATI™ Radeon™ graphics cards. CrossFire: Multiply and Conquer!

Pro Magic Plus System Recovery Software Embedded

Restore important data back right away, allowing your system to be operated under a safe environment. This amazing software not only provides convenient instant restoration, but also brings data back to the preferred state at any specific time point as you wish. Moreover, it combines several other functions such as anti-virus, backup software, uninstall software, multi-booting etc. to satisfy your needs of all sorts of system protections. No more worries on new virus or system failure!

DIY Clear Functions

Initiate the DIY-Clear button, set on the IO back panel especially .when enjoying the overclocking ,the power users can clear the CMOS without opening the case .The humanization design is convenient for the users .

OC-CON high-polymer solid electrolysis aluminum capacitors embedded

The working temperature is from 55 degrees Centigrade below zero to 125 degrees Centigrade, OC_CON capacitors possess superior physical characteristics that can be while reducing the working temperature between 20 degrees Centigrade each time, intact extension 10 times of effective product operation lives, at not rising degrees Centigrade of working temperatures each time a relative one, life of product decline 10% only too.

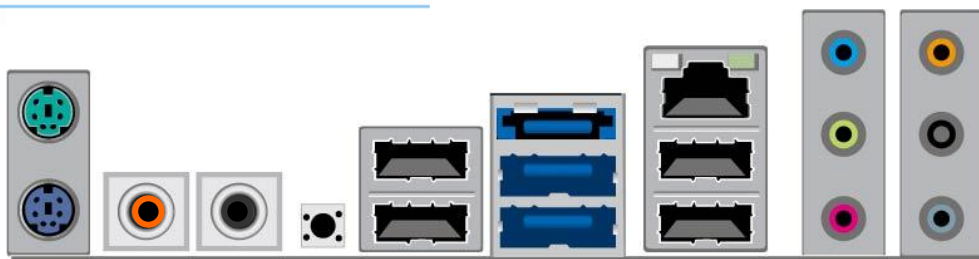
Debug Port: The Professional Hardware Diagnosis System

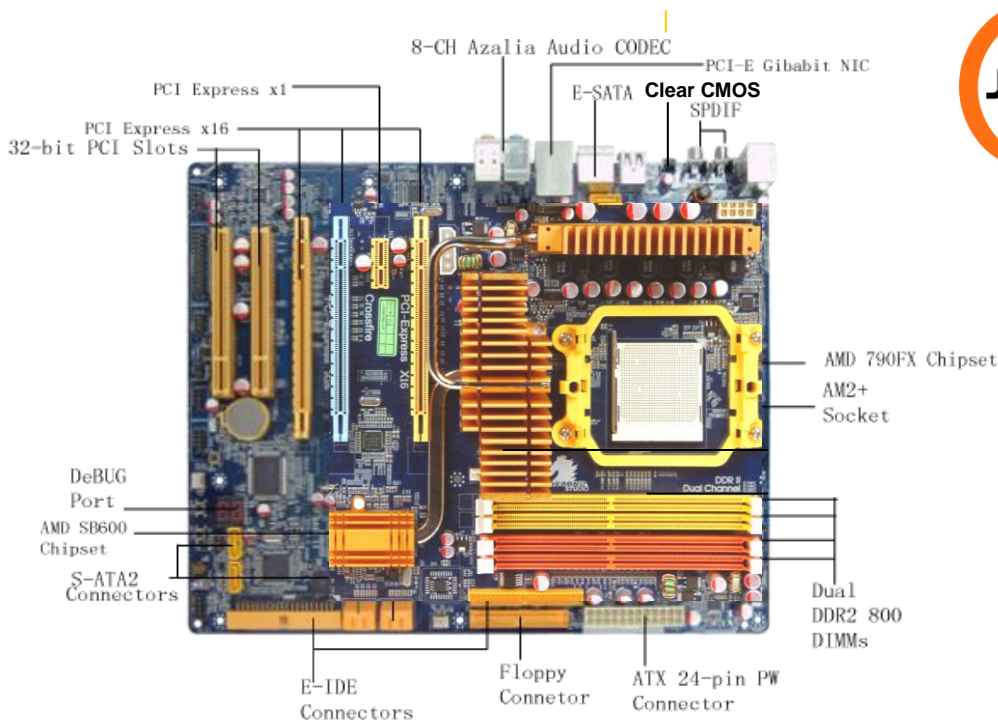
Being bugged of abnormal system failure through the tossed and turned nights no more, the embedded Hardware Debug Port offers you the real-time visual system healthy for the demanding usage of computing. No more bugging by unknown system failure and no more time wasted in the first moment of 24-hour nonstop ping business computing, the embedded Debug Port will turn you into a well training hardware professional with the seeing system situation.

CPU V-core Shift / Shift to the scalabilities and flexibilities

The adjustable voltage for CPU V-core can be upgraded in 31 stages for the precisely hardware dynamic over-clocking of demanding computing performance.

Rear I / O





Mainboard Specifications

■ CPU	<ul style="list-style-type: none"> Socket AM2 HT 3.0 MHz AMD® Phenom™ With True Quad-Core Technology Compatible with 64-bit Dual Core AMD® Athlon™64 X2 Processor
■ Chipset	<ul style="list-style-type: none"> AMD™ 790FX Chipset + AMD™ SB600 Chipset
■ Memory	<ul style="list-style-type: none"> 4 * 240-pin DIMM Sockets for unbuffered Dual DDR2 1066 SDRAM up to 8 GB
■ Expansion Slots	<ul style="list-style-type: none"> 2* 32-bit PCI Slots / 1 PCI Express x16@16-lane and 2 PCI Express x16@8-lane (For ATI Cross Fire X Technology, x16 + x16 or x8 +x8 +x16; When install the “Switch Card” into PE-3, the PE4 will offer 16-lane.) / 1 * PCI EXPRESS x1
■ Storage	<ul style="list-style-type: none"> 4 * Ultra DMA 133 / 100 / 66 IDE Devices Support Embedded AMD™ SB600 Southbridge Chipset Supports 4 Serial ATA2 HDDs with RAID 0, 1, 0+1, 10 Functions Embedded JMB363 Chipset Supports 2 Serial ATA2 HDDs with RAID 0, 1, 0+1, 10, JOB Functions
■ Audio	<ul style="list-style-type: none"> Realtek ALC888 8-Channel HD Audio CODEC
■ Ethernet LAN	<ul style="list-style-type: none"> Marvell 88E8056 PCI Express Gigabit NIC
■ USB	<ul style="list-style-type: none"> Embedded 10 * High Speed USB @ 480 Mbit / s
■ Special Features	<ul style="list-style-type: none"> Advanced Power Design that supports the latest Socket-AM2+ K10 CPU “IMAGE IT!” System Backup Software and “ProMagicPLUS!” System Recovery System
■ Rear Panel I / O	<ul style="list-style-type: none"> 6 * High Speed USB Connectors @ 480 Mbit / s 1 * PS / 2 Mouse & 1 * PS/2 Keyboard 1 * RJ45 Over USB2.0 Connector 1 * Audio I / O 1 * Coaxial In/Out 1 * E-SATA Port
■ Internal I / O	<ul style="list-style-type: none"> 2 * High Speed USB Connectors @ 480 Mbit / s for 4 USB 2.0 Ports CPU / Chassis Fan Connectors 1 * 12V 8-pin ATX Power Connector and 1 * 24-pin ATX Power Connector 1 * Serial Port of 9-pin Block 1 * Parallel Port of 25-Pin Block CD / AUX Audio in 1 * Floppy Connector 1 * HDMI_SPDIF header
■ BIOS	<ul style="list-style-type: none"> Award 8 MB SPI Flash ROM
■ Form Factor	<ul style="list-style-type: none"> ATX Form Factor