

BIOSTAR	Hi-Fi A85X 5.x
THE ASSX	 Supported Socket FM2 processors AMD A- series/ E2-series processor
	Supported AMD Mutil Core(x4,x2)
	AMD 100W processor support
	AMD A85 Chipset
	 4 DIMM supported DDR3-2400(OC)/ 2133(OC)/ 1866/ 1600/ 1333/ 1066/ 800
	 Supported SATA 6Gb/s 2X speed than current SATA 3G
	Supported USB 3.0
	AMD Dual Graphics Technology
	100% X.D.C solid capacitor
	BIOSTAR Puro Hi-Fi

Chipset	AMD A85
CPU SUPPORT	AMD A10 Processor
	AMD A8 ProcessorAMD A6 Processor
	AMD A4 Processor
	AMD E2 Processor
	 AMD Athlon™ II X4 Processor
	Maximum CPU TDP (Thermal Design Power) : 100Watt
MEMORY	Support Dual Channel DDR3



	 2400(OC)/2133(OC)/1866/1600/1333/1066/800 MHz 4 x DDR3 DIMM Memory Slot Max. Supports up to 64GB Memory 3 x PCI-E x16 2.0 Slot (x16 + x8 + x4)
EXPANSION SLOT	 3 x PCI-E x1 2.0 Slot 1 x PCI Slots
STORAGE	 7 x SATA3 Connector 1 x eSATA Connector Support SATA RAID: 0,1,5,10
USB	 2 x USB 3.0 Port 1 x USB 3.0 Header 4 x USB 2.0 Port 3 x USB 2.0 Header
GbE	Realtek RTL8111F - 10/100/1000 Controller
MULTI GRAPHICS	AMD CrossFireX
INTEGRATED VIDEO	 By CPU model AMD Dual Graphics Technology Supports DX11 Supports HDCP
CODEC	Realtek ALC898 8 Channel Blu-ray Audio
REAR I/O	 1 x PS/2 Keyboard 1 x eSATA Connector



• 2 x USB 3.0 Port
• 4 x USB 2.0 Port
1 x HDMI Connector1 x Display Port
1 x DVI Connector
 1 x VGA Port 1 x RJ-45 Port
6 x Audio Connector
• 1 x USB 3.0 Header
• 3 x USB 2.0 Header
7 x SATA3 6Gb/s Connector
1 x Front Audio Header
1 x Front Panel Header
1 x S/PDIF-OUT Header
1 x CPU FAN Header
2 x System FAN Header
1 x Serial Header
• 1 x CIR Header
• ATX Form Factor Dimension: 30.5cm x 24.4cm (W x L)
Support Windows XP / Vista / 7 / 8
• 4 x SATA Cable
1 x CrossFire Connector
• 1 x I/O Shield



	 1 x DVD Driver 1 x User Manual
FEATURES	 Windows 8 Compatible Supports THX TruStudio Pro Supports BIO-Remote2 Supports BIO-Remote Supports 100% Solid capacitor Supports Rapid Switch2 Supports Rapid Debug3 Supports BIOS-Flasher Supports Charger Booster Supports BIOS Online Update

Exclusive Features

THX truStudio PRO THX TruStudio Pro is specially designed to bring the same great audio experience found in live performances, films, and recording studios - to the PC. THX TruStudio Pro provides the latest groundbreaking technologies that are products of years of collective experience and research by Creative and THX. Together, these technologies deliver the fullest audio experience for music, movies and games, while remaining true to the source and intention of the artists who created it.



Hi-Fi Power

Audio power is an important factor in audio quality. Most AV equipment isolates the power supply for each analog and digital signal to gather high-quality sound reproduction. Equipped with BIOSTAR Hi-Fi Power technology, it will utilize audio components with independent power design for a significant reduction in electronic noise and superb sound quality.

Hi-Fi Ground

BIOSTAR Hi-Fi Ground presents noise-blocking multi-layer PCB design which isolates analog audio signals from digital sources. The unique PCB layout is ideal for exceptional clarity and high fidelity sound. It's focused on improving sound quality beyond the regular motherboard designs.

Hi-Fi 192/24

BIOSTAR Hi-Fi series motherboards have a sampling rate of 192kHz/24bit which delivers a high quality audio through an analog connection to your home theater system, multi-channel speakers and high-end headphone. You can enjoy real Blu-ray grade high-definition sound that you've never experienced before.

MCC

Multi Channels Calibration (MCC) can transform any room into the ideal listening environment. With Multi Channels Calibration (MCC), audio performance is automatically calibrated according to the dimensions of your room. Simply place the speaker and setup the microphone at your usual listening spot, position the speakers and connect them. The users can set up the speaker settings easily by using a free bundle MCC software.



High Quality ESD

BIOSTAR Hi-Fi series motherboards provide high quality ESD (Electro-Static Discharge) solution for its front I/O panel. This function prevents static electricity and reduces the damage to the motherboards when you are plugging or unplugging your headphone.

Hi-Fi AMP

The built-in amplifier can drive major high-end headphones with over 100dB loads and offer wide band-width, low noise, high slew rate and low distortion audio source from front panel I/O. Gaming enthusiasts can enjoy a fuller range of dynamic sound with crisper details and less distortion.

Smart Ear

Smart EAR is a windows-based audio utility which allows you to easily adjust system volume. With its user-friendly GUI, you can also increase or decrease impedance setting (Low/High Gain) to optimize your headphone performance. You can easily enjoy high-quality and awesome sound.

Hi-Fi Resistor

Metal-oxide film resistors are made of metal oxides such as tin oxide. The electric characteristics are greater stability and reliability than regular metal film resistors when operating in an extremely broad working temperature range. This special component is used in applications with high endurance audio demands.

Hi-Fi Cap

BIOSTAR Hi-Fi series motherboards come with high quality 'Non-Polarized Electrolysis Electric audio capacitors' for each audio channel circuit. The customized audio capacitors deliver low noise, low distortion,

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SUPER SPEED, 5 Gbps
Solid Capacitor Stable,Lifespan++

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BIO-Remote 2

BIO-Remote2 Technology is featuring users a better Home Theater environment. Users who own either Android mobile or Apple goods are able to access and control your PC remotely; At this moment, you're smart device became a intelligent and functional remote controller; more than that, BIO-Remote2 also includes both function of mouse pad and power point presentation mode.

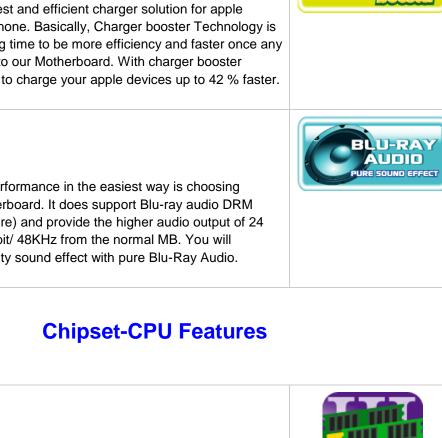
Charger Booster

Charger booster is the best and efficient charger solution for apple devices such as iPad, iPhone. Basically, Charger booster Technology is able to boost the charging time to be more efficiency and faster once any apple goods connecting to our Motherboard. With charger booster technology, you are able to charge your apple devices up to 42 % faster.

Blu-ray Audio

Dual Channel DDR3

Upgrading your Audio performance in the easiest way is choosing BIOSTAR ultimate Motherboard. It does support Blu-ray audio DRM (compatible driver/software) and provide the higher audio output of 24 bit/ 192KHz than the 16 bit/ 48KHz from the normal MB. You will experience the high quality sound effect with pure Blu-Ray Audio.



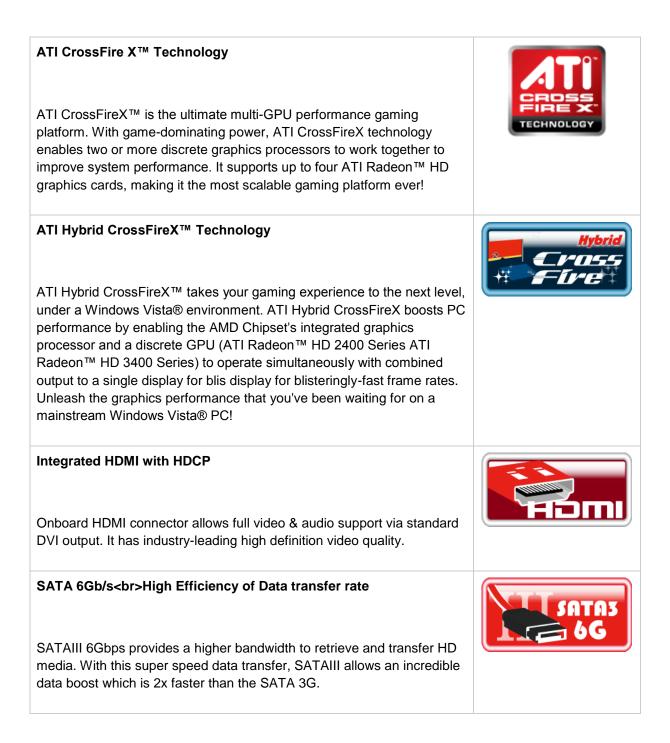
It supports 2 or 4 DIMM Slots DDR3 memory that features data transfer rates of DDR3 2000(O.C.)/1800(O.C.)/1600/1333. The processor support 2 memory channels and setting the memory multiplier, allows selection of the channel speed. These clearly uplift the band width and boost the overall system performance.



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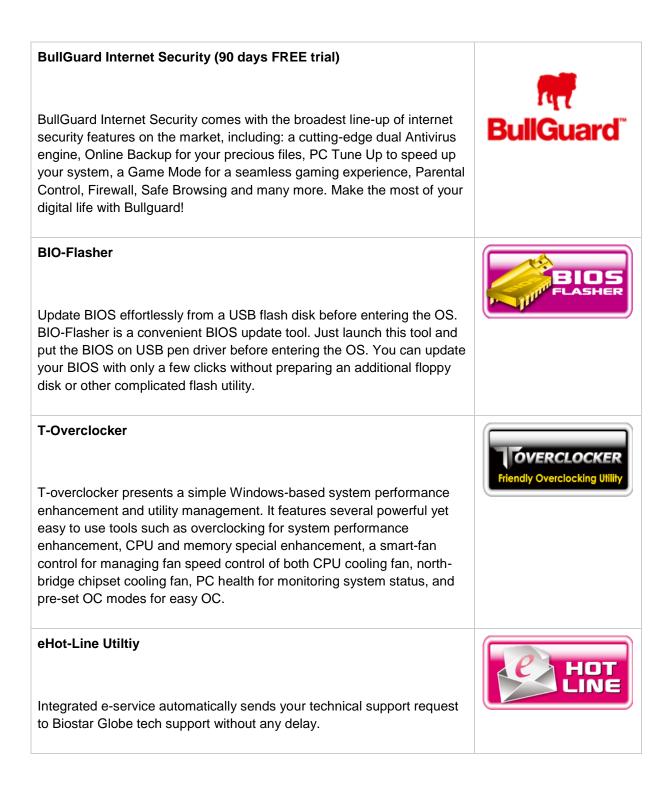
The specification and pictures are subject to change without notice and the package contents may differ by area or your motherboard version!





BIOS-Software Features





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BIOScreen Utility

Personalize your desktop with customizable boot logo. BIOScreen is the new feature that lets you personalize and create your own style with unique, custom-made boot logo.

Other Features

