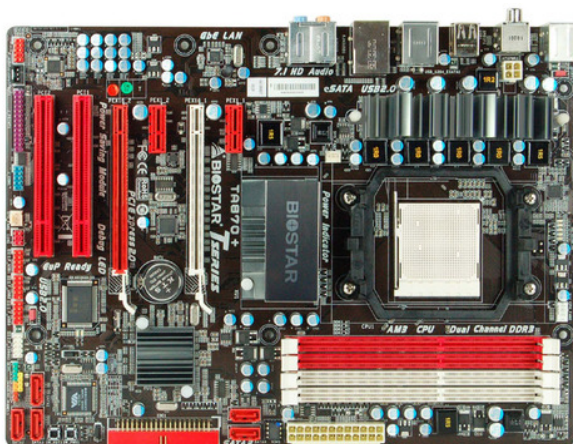


TA870+ Motherboard



- Supported Socket AM3 processors AMD Phenom II / Athlon II processor
- Supported AMD Mutil Core(x6,x4,x2)
- AMD 140W processor support
- AMD 870 Chipset
- 4 DIMM supported DDR3-1800(OC)/1600(OC)/1333/1066
- Supported SATA 6Gb/s 2X speed than current SATA 3G
- BIOSTAR G.P.U (Green Power Utility) for green power saving your desktop
- [AMD OverDrive™ with ACC feature \(Advanced Clock Calibration\) supported](#)

TA870+ Specifcation

CPU SUPPORT	AMD Phenom™ II X6 Processor AMD Phenom™ II X4 Processor AMD Phenom™ II X3 Processor AMD Phenom™ II X2 Processor AMD Athlon™ II X4 Processor AMD Athlon™ II X3 Processor AMD Athlon™ II X2 Processor AMD Sempron™ Processor Maximum CPU TDP (Thermal Design Power) : 140Watt
HT	Support HT 5.2G
MEMORY	Support Dual Channel DDR3 1800(OC)/1600(OC)/1333/1066/800 MHz 4 x DDR3 DIMM Memory Slot Max. Supports up to 16GB Memory
STORAGE	5 x SATA III Connector 1 x eSATA II Connector 1 x IDE Connector Support SATA RAID: 0,1,5,10
LAN	Realtek RTL8111E - 10/100/1000 Controller

AUDIO CODEC	Realtek ALC892 8-Channel Blu-ray Audio
USB	6 x USB 2.0 Port 3 x USB 2.0 Header
EXPANSION SLOT	2 x PCI-E 2.0 x16 Slot(x16, x4) 2 x PCI-E 2.0 x1 Slot 2 x PCI Slot
REAR I/O	1 x PS/2 Mouse 1 x PS/2 Keyboard 1 x eSATA2 Connector 1 x FireWire IEEE 1394a Port 6 x USB 2.0 Port 1 x LAN Port 6 x Audio Jacks 1 x S/PDIF Out Port
INTERNAL I/O	3 x USB 2.0 Header 5 x SATA III Connector (6Gb/s) 1 x IDE Connector 1 x Front Audio Header 1 x Front Panel Header 1 x CD-IN Header 1 x S/PDIF-Out Header 1 x CPU Fan Connector 2 x System Fan Connector 1 x FireWire IEEE 1394 Header 1 x CIR Header 1 x COM Port Header 1 x Printer Port Header
DIMENSION	ATX Form Factor Dimension: 30.5cm X 22cm (W x L)
OS SUPPORT	Supports Windows XP / Vista / 7
BUNDLE SOFTWARE	BIO-Remote
ACCESSORIES	3 x SATA Cable 1 x SATA Power Cable 1 x I/O Shield 1 x Fully Setup Driver CD 1 x User Manual

FEATURES	Supports BIO-unlockING Windows 7 Compatible Supports AOD ACC Supports Phenom II x6 Supports AM3 Supports 100% Solid capacitor Tweak Tech Supports Clean-Tone Supports O.N.E Supports Rapid Switch Supports Rapid Debug BIO-FLASHER Supports GPU
TA870+ OVERVIEW	
Audio+	
	S/P DIF Output on board Onboard Optical & Coaxial connector supports your desktop in transferring the non-distortion digital audio output to the AV amplifier and professional speaker system.
Video+	
	ATI CrossFire X™ Technology ATI CrossFireX™ is the ultimate multi-GPU performance gaming platform. With game-dominating power, ATI CrossFireX technology enables two or more discrete graphics processors to work together to improve system performance. It supports up to four ATI Radeon™ HD graphics cards, making it the most scalable gaming platform ever!
Speed+	
	SATAIII 6Gbps SATAIII 6Gbps provides a higher bandwidth to retrieve and transfer HD media. With this super speed data transfer, SATAIII allows an incredible data boost which is 2x faster than the SATA II.

	BIO-unlockKING BIO-unlockKING technology enables the ACC function on AMD processors and unlocks extra 3rd or 4th core with a super-simple click on the keyboard.
	eSATA One or Two external SATA 3Gb/s ports connectivity with minimal host overhead and host to device latency.
	IEEE1394 on board IEEE 1394a is a serial bus interface for high-speed communication and data transfer. Major applications are in desktop, digital video/audio and other portable devices.
	O.N.E Biostar offers 3 kinds of overclocking settings (V6/V8/V12) that provide good, better, best O.C settings. The motherboard features the Biostar T series motherboards that allow users to conveniently load preset BIOS settings. These BIOS settings give users freedom to enjoy overclocking with simple instructions.
	Tweak Tech Biostar has a unique engineering PWM layout with low ESR and high ripple conductive solid state caps that provide sufficient, stable power supply to the CPU. The same philosophy applies to our DDR design to enhance the memory's voltage stability.
Durable+	
	5 Phase Power Phase Design 5-phase VRM design with high quality power components such as low RDS (on) Mosfet for lower temperature has the advantage to raise the overclocking ability.



2-Phase Power

2 Phase Memory Power Design

2-phase independent power design increases memory voltage stability and durability.



100% Solid Caps

With armor-plated Biostar Technology, all capacitors are placed with 100% solid capacitors that have a lasting life cycle, durability and stability for crucial components.



G.P.U (Green Power Utility)

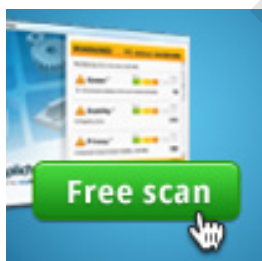
BIOSTAR G.P.U (Green Power Utility) is a new function that enhances energy efficiency by disabling extra phases while CPU is under light loading. It integrates a friendly GUI to monitor the resourcing and response of your CPU thus optimizing the power saving function in your system. G.P.U. constantly sets up the best power efficiency in your system, be it for heavy 3D gaming, Internet or MSN chatting.

DIY+



MX SUITE

As an Biostar customer you can download MAGIX multimedia tools designed to enhance your music, videos and photos for free. From music and website creation to video editing and photo management. Four products that cover all of your multimedia needs. Simply do more with your media than you ever thought possible.



Simplitec

"Simplitec" offers premium solutions to ensure your PC is faster, more reliable and free of security gaps - automatically or with customized setups. "Simplitec" is a free bundle software to scan your computer for problems and offers a professional solution for each problem to put your PC back in top form.

	BIO-Flasher BIO-Flasher is a convenient BIOS update tool. Just launch this tool and put the BIOS on USB pen driver before entering the OS. You can update your BIOS with only a few clicks without preparing an additional floppy disk or other complicated flash utility.
	BIO-ReLife BIO-ReLife Technology lets you recover crashed BIOS data from a USB flash pen driver that stores new BIOS file. This practical BIOS utility can restore your system and recover from a BIOS crash situation.
	Rapid Switch No more meddling with the power and reset jumpers onboard. The power and reset buttons are already built onboard. It is convenient for DIY users to test the board without short-circuiting the wrong pins.
	Rapid Debug There is no need to check any H/W installation error. Onboard LED indicator answers the question for the user.
*The specification and pictures are subject to change without notice and the package contents may differ by area or your motherboard version!	