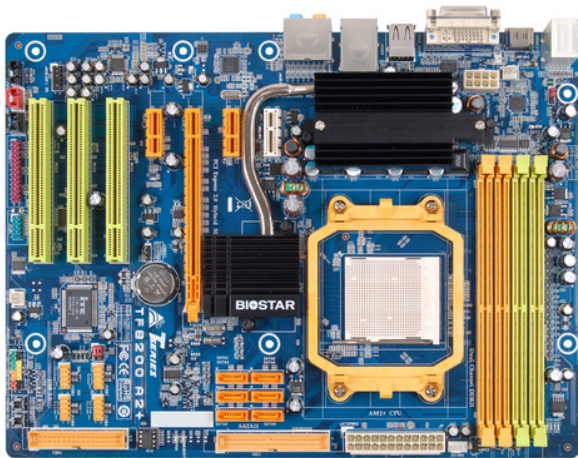


## TF8200 A2+ Motherboard



- AMD AM2+/AM2 Platform
- Support latest AMD Phenom Athlon/ Sempron processors
- Dual-Channel DDR2 -1066/800/667/533
- Support nVidia Hybrid SLI Technology
- Integrated Geforce 8200-based graphics (DX10)
- Integrated HDMI/DVI interface with HDCP
- Biostar Space-Pipe (Heat-Pipe) Thermal solution
- Optional Biostar Cooler Harbor to consist Hybrid Space-Pipe
- Optional Biostar M.D.V (Multi-Digital-View) device

## TF8200 A2+ Specification

CPU SUPPORT	AMD Phenom™ X4 Processor AMD Athlon™ X2 Dual-Core Processor AMD Athlon™ 64 X2 Dual-Core Processor AMD Athlon™ 64 FX Processor AMD Athlon™ 64 Processor AMD Sempron™ Processor
HT	Support HT 5.2G
MEMORY	Support Dual Channel DDR2 533/667/800/1066 MHz 4 x DDR2 DIMM Memory Slot Max. Supports up to 16GB Memory
INTEGRATED VIDEO	NVIDIA GeForce 8200 GPU, On Board Graphic Max. Memory Share Up to 512MB
STORAGE	6 x SATA II Connector (Chipset limitation, SATA5 and SATA6 do not support SATA mode, only support AHCI+RAID mode) 1 x IDE Connector Support SATA RAID: 0,1,5, 0+1
LAN	Realtek RTL8111C - 10/100/1000 Controller

AUDIO CODEC	Realtek ALC888S 8+2 Channel HD Audio
USB	4 x USB 2.0 Port 4 x USB 2.0 Header
EXPANSION SLOT	1 x PCI-E 2.0 x16 Slot 2 x PCI-E x1 Slot 3 x PCI Slot 1 x M.D.V. Slot
REAR I/O	1 x PS/2 Mouse 1 x PS/2 Keyboard 4 x USB 2.0 Port 1 x HDMI Connector 1 x DVI Connector 1 x VGA Port 1 x LAN Port 6 x Audio Jacks
INTERNAL I/O	4 x USB 2.0 Header 6 x SATA II Connector (3Gb/s ) 1 x Floppy Connector 1 x Front Audio Header 1 x Front Panel Header 1 x CD-IN Header 1 x CPU Fan Connector 1 x System Fan Connector 1 x COM Port Header 1 x Printer Port Header
DIMENSION	ATX Form Factor Dimension: 24.4cm X 30.5cm ( W x L )
OS SUPPORT	Supports Windows XP / Vista
ACCESSORIES	1 x IDE Cable 2 x SATA Cable 1 x SATA Power Cable 1 x I/O Shield 1 x Fully Setup Driver CD 1 x User Manual 1 x Multi-Digital View card (Optional) 1 x DIY Thermal Kit (Optional)

## FEATURES

- Supports AM2+
- Supports Space-Pipe Thermal solution
- Supports Hybrid Space-Pipe
- Supports Solid capacitor
- Supports Fanless
- Supports Clean-Tone
- Supports Rapid Switch
- Supports Rapid Debug
- Supports Multi-Digital View
- BIO-FLASHER
- Supports Cooler Harbor
- Supports Toverclocker OC software

## TF8200 A2+ OVERVIEW

### CPU-Chipset



### AM3/AM2+ Support

Supporting upcoming AMD Socket AM3/AM2+ 45nm processors, it delivers better overclocking capabilities and reduces power consumption. Moreover, AM3 CPU supports both DDR2 /DDR3 memory module and accelerates data transfer rate by up to 5200MT/s via HyperTransport 3.0 technology.



### Socket AM2+ Phenom processors Support

Supporting AMD® Socket AM2+ Quad /Triple Core processors, it delivers better overclocking capabilities with low power consumption. Phenom processor features dual-channel DDR2 1066 memory support and accelerates data transfer rate by up to 5200MT/s via HyperTransport™ 3.0 system bus.



### HyperTransport 3.0 Support

It provides a maximum 5200MT/s via HyperTransport™ 3.0 system bus and significantly improves system efficiency for a high performance and faster desktop.

### Video+



**Multi-Digital-View**

## M.D.V (Multi-Digital-View) {INS\_STR}

Engineered by Biostar, the M.D.V (Multi-Digital - View) technology supports up to two digital monitors at a time. Adding multi-display support to a system (in independent mode) can be an easy and effective way to increase productivity. With the growing popularity of digital flat-panel monitors whether HDMI or DVI interface, the M.D.V technology can increase the system performance. Adding displays to a system has never been more practical with the BIOSTAR M.D.V technology. Experience for yourself the advantages of using multiple digital displays.

[For system connect, please check >>>](#)



## Integrated HDMI with HDCP

Onboard HDMI connector allows full video & audio support. It has industry-leading high definition video quality.

Speed+



## PCI Express 2.0 Support

PCI Express 2.0 bus architecture offers a future-proofing bridge to tomorrow's most bandwidth-driven games and 3D applications by maximizing 5 GT/s of bandwidth. PCI Express 2.0 motherboards are fully backwards compatible with existing PCI Express products for broad support of PC peripherals.



## NVIDIA Hybrid SLI™

Hybrid SLI delivers new multi-GPU technology to a large segment of the PC market, enabling NVIDIA motherboard GPUs (mGPUs) to work cooperatively with discrete NVIDIA GPUs (dGPUs) when paired in the same PC platform. It provides two new technologies— GeForce Boost and HybridPower™—that allow the PC to deliver graphics performance. These are ideal for today's applications and games when 3D graphics horsepower is required, or there is no transition to a lower-powered operating state.



## 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.



**T-Overclocker**

## Tseries OC Utility

T-series OC utility presents the most convenient Windows-based system performance enhancement and utility management. Its 4 separate utilities include overclocking, BIOS update, and H/W monitoring and PC health for monitoring system status.

## Durable+



**Hybrid Space-Pipe**

## Hybrid Space-Pipe {INS\_STR}

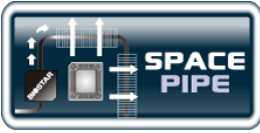
A desktop system increases more fans to achieve better overclocking. Normally, a motherboard's heat generators include chipsets, PWM and graphics card. Combining Biostar's "Cooler Harbor" and "V-Pipe" thermal solution delivers silent and ultimate thermal performance. Overclockers can boost desktop performance effortlessly with this dynamic innovation!



**COOLER HARBOR**

## Cooler Harbor {INS\_STR}

The effective thermal design directs the heat generated by the MB chipsets to the heat sink on the real I/O panel, which is easily expelled by the existing airflow from the CPU fan. The ideal heat-pipe design on this motherboard is an original fanless design that does not have reliability problems found in a chipset fan. Product Warranty : 12 months



## Space-Pipe

SPACE-pipe is a new silent north bridge cooling device. It uses a heat-pipe to conduct heat from the chipset heat sink to a PWM fin-heat sink collection module. Airflow from the CPU fan removes the heat collected from the CPU, the chipset, and PWM fin-heat sink, which cools your system effectively with no additional noise.



## X.D.C (eXtreme Durable Capacitors)

Biostar adopts low ESR and high ripple conductive solid state caps that provide sufficient, stable power supply to the CPU. The life span can also be more than 6.25 x of ordinary liquid caps.

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.



## eHot-Line Utility

Integrated e-service automatically sends your technical support request to Biostar Globe tech support without any delay.



## Rapid Switch 2

Engineered by BIOSTAR, the exquisite onboard switches allow you to easily shut down and restart your system.



**Rapid Debug2**

## Rapid Debug 2

There is no need to check any H/W installation error. Onboard LED indicator shows 6 kinds of messages: CPU power, MB power, CPU, memory and PCI-E, SATA.

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