

## TA75M Motherboard



- Supported Socket FM1 processors AMD A-series/ E2-series processor
- Supported AMD Mutil Core(x4,x2)
- AMD 100W processor support
- AMD A75 Chipset
- 4 DIMM supported DDR3-2000(OC)/1866/1600/1333/1066
- Supported SATA 6Gb/s 2X speed than current SATA 3G
- AMD Dual Graphics Technology
- Supported USB 3.0
- BIOSSTAR G.P.U ( Green Power Utility ) for green power saving your desktop

### TA75M Specfication

|                  |                                                                                                                                   |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| CPU SUPPORT      | AMD A8 Processor<br>AMD A6 Processor<br>AMD A4 Processor<br>AMD E2 Processor<br>Maximum CPU TDP (Thermal Design Power) : 100Watt  |
| MEMORY           | Support Dual Channel DDR3<br>2000(OC)/1866/1600/1333/1066/800 MHz<br>4 x DDR3 DIMM Memory Slot<br>Max. Supports up to 32GB Memory |
| INTEGRATED VIDEO | By CPU model<br>Maximum resolution: VGA:1920x1600, DVI-D:1920x1200, HDMI®:1920x1200                                               |
| STORAGE          | 6 x SATA III Connector<br>Support SATA RAID: 0,1,10                                                                               |
| LAN              | Realtek RTL8111E - 10/100/1000 Controller                                                                                         |
| AUDIO CODEC      | Realtek ALC892 6-Channel Blu-ray Audio                                                                                            |

|                 |                                                                                                                                                                                                                                                                                  |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USB             | 2 x USB 3.0 Port<br>1 x USB 3.0 Header<br>2 x USB 2.0 Port<br>2 x USB 2.0 Header                                                                                                                                                                                                 |
| EXPANSION SLOT  | 2 x PCI-E 2.0 x16 Slot(x16 + x4)<br>1 x PCI-E 2.0 x1 Slot<br>1 x PCI Slot                                                                                                                                                                                                        |
| REAR I/O        | 1 x PS/2 Keyboard<br>2 x USB 3.0 Port<br>2 x USB 2.0 Port<br>1 x HDMI® Connector<br>1 x DVI Connector<br>1 x VGA Port<br>1 x LAN Port<br>3 x Audio Jacks                                                                                                                         |
| INTERNAL I/O    | 1 x USB 3.0 Header<br>2 x USB 2.0 Header<br>6 x SATA III Connector (6Gb/s)<br>1 x Front Audio Header<br>1 x Front Panel Header<br>1 x S/PDIF-Out Header<br>1 x CPU Fan Connector<br>2 x System Fan Connector<br>1 x CIR Header<br>1 x COM Port Header<br>1 x Printer Port Header |
| DIMENSION       | Micro ATX Form Factor Dimension: 24.4cm x 22.5cm ( W x L )                                                                                                                                                                                                                       |
| OS SUPPORT      | Supports Windows XP / Vista / 7                                                                                                                                                                                                                                                  |
| BUNDLE SOFTWARE | BIO-Remote2<br>BIO-Remote                                                                                                                                                                                                                                                        |
| ACCESSORIES     | 3 x SATA Cable<br>1 x SATA Power Cable<br>1 x I/O Shield<br>1 x Fully Setup Driver CD<br>1 x User Manual                                                                                                                                                                         |
| FEATURES        | Supports uEFI GUI Interface BIOS<br>Windows 7 Compatible<br>Supports 100% Solid capacitor<br>Supports Rapid Switch<br>Supports Rapid Debug<br>BIO-FLASHER<br>Supports Toverclocker OC software<br>Supports GPU                                                                   |
| TA75M OVERVIEW  |                                                                                                                                                                                                                                                                                  |

## Audio+



### Blu-ray Audio

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.

## Speed+



### USB 3.0

Experience Fastest data transfers at 5 Gbps with USB 3.0--the new latest connectivity standard. Built to connect easily with next-generation components and peripherals, USB 3.0 transfers data 10X faster and backward compatible with previous USB 2.0 components.



### 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.



### 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.



### 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.



**Tweak Tech**

#### 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+



#### 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+



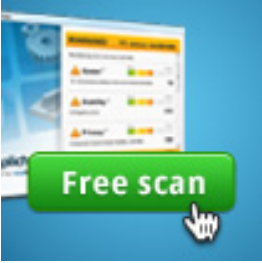
#### UEFI BIOS

Unified Extensible Firmware Interface (UEFI) is a brand new framework that provides a revolutionary interface. It is a modern clear and easy-to-use graphical user interface. The UEFI comes with a colorful easy-understand icons leads users into the setup layer directly.



#### 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.

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p><b>MX SUITE</b></p> <p>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.</p> |
|    | <p><b>Simplitec</b></p> <p>"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.</p>     |
|   | <p><b>BIO-Flasher</b></p> <p>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.</p>                                                       |
|  | <p><b>BIO-ReLife</b></p> <p>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.</p>                                                                                                          |
|  | <p><b>eHot-Line</b></p> <p>Integrated e-service automatically sends your technical support request to Biostar Globe tech support without any delay.</p>                                                                                                                                                                                               |
|  | <p><b>Rapid Switch</b></p> <p>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.</p>                                                                                                         |



#### 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!

BIOSSTAR