TA970 5.0/5.1/5.2

- Supported Socket AM3+ processors AMD FX/ Phenom II/ Athlon II processor

- Supported AMD Mutil Core(x8,x6)

- AMD 140W processor support

- AMD 970 Chipset

- 4 DIMM supported DDR3-2000(OC)/1866/1600/1333/1066

- Supported SATA 6Gb/s 2X speed than current SATA 3G

- Supported USB 3.0

- UEFI BIOS natively supports HDD larger than 2TB

- AMD OverDrive™ with ACC feature (Advanced Clock Calibration) supported

Chipset	• AMD 970 / SB950
CPU SUPPORT	• AMD FX™ Processor • 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 4.8G
MEMORY	• Support Dual Channel DDR3 2000(OC)/1866/1600/1333/1066/800 MHz • 4 x DDR3 DIMM Memory Slot • Max. Supports up to 64GB Memory
EXPANSION SLOT	• 2 x PCI-E x16 2.0 Slot (x16, x4) • 2 x PCI-E x1 2.0 Slot • 2 x PCI Slot
STORAGE	• 6 x SATA3 Connector • Support SATA RAID: 0,1,5,10
USB	• ASMedia ASM1042 A4 USB 3.0 controller • 2 x USB 3.0 Port • 6 x USB 2.0 Port • 2 x USB 2.0 Header
LAN	• Realtek RTL8111F - 10/100/1000 Controller
MULTI GRAPHICS	• AMD CrossFireX
CODEC	• Realtek ALC892 8-Channel Blu-ray Audio
REAR I/O	• 1 x PS/2 Mouse • 1 x PS/2 Keyboard • 2 x USB 3.0 Port

	- 6 x USB 2.0 Port - 1 x RJ-45 Port - 6 x Audio Connector
INTERNAL I/O	- 1 x Printer Header - 2 x USB 2.0 Header - 6 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
H/W Monitoring	- CPU / System Temperature Monitoring - CPU / System Fan Monitoring - Smart / Manual CPU Fan Control - System Voltage Monitoring
DIMENSION	- ATX Form Factor Dimension: 30.5cm x 22.5cm (W x L)
OS SUPPORT	- Support Windows XP / Vista / 7 / 8
Bundle Software	- BIO-Remote2 - BIO-Remote - Smart Speed LAN

ACCESSORIES	• 2 x SATA Cable • 1 x I/O Shield • 1 x DVD Driver • 1 x User Manual
FEATURES	• Windows 8 Ready • Supports uEFI GUI Interface BIOS • Supports AOD ACC • Supports 100% Solid capacitor • Supports BIOS-Flasher • Supports Charger Booster • Supports BIOS Online Update

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.	

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+

SmartSpeedLAN

SmartSpeedLAN is a free software application which monitors and manages your PC's network behavior. With user-friendly GUI, it allows you to select and prioritize different types of network traffic, including gaming, media streaming, communications or web surfing.You can also set any specific applications, choosing to prioritize or block accordingly. SmartSpeedLAN can feature automatic management options that use adaptive networking intelligence to ensure that you are getting the best online experience possible.

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.

**SATA 6Gb/s
High Efficiency of Data transfer rate**

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 3G.

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.

eSATA

One or Two external SATA 3Gb/s ports connectivity with minimal host overhead and host to device latency.

Dual Channel DDR3

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.

Durable+

Moistureproof PCB

With the popularity of PC usage and working environment has getting deteriorating and moist(such as rural, coastal). The PCB will be oxidizing easily by damp or absorbed moisture. And then ionic migration or CAF(Conductive Anodic Filament) will be generated. Moisture-proof PCB meets high density and high reliability requirements for moisture proofing.

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.	
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.	

Protection+

ESD Protection ESD (Electrostatic Discharge) is the major factor to destroy PC by electrical overstress(EOS) condition, ESD occurred by PC users when touch any devices connect to PC, which may result in damage to motherboard or parts .ESD protection is designed to protect the motherboard and equipment from damage by EOS	
BIOS Virus Protection When enabled, the BIOS will protect the boot sector and partition table by halting the system and flashing a warning message whether there's an attempt to write to these areas.	

OC / OV / OH Protection

All BIOSTAR special circuit design detects overvoltage conditions and prevents voltage surges from spreading in real time. It also actively cuts off the overvoltage supply to protect your system. Over current protection, avoid motherboard from damage when doing overclock or an unusual current import. Over heat protection, avoid motherboard & CPU from burning when exceeding the temperature limitation.

BullGuard Internet Security (90 days FREE trial)

BullGuard Internet Security comes with the broadest line-up of internet security features on the market, including: a cutting-edge dual Antivirus engine, Online Backup for your precious files, PC Tune Up to speed up your system, a Game Mode for a seamless gaming experience, Parental Control, Firewall, Safe Browsing and many more. Make the most of your digital life with Bullguard!

DIY+

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.	
Exclusive offer! 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.	
What is simplicheck ? simplicheck is a small, intelligent tool by simplitec GmbH that scans your PC for optimal performance. Is poor configuration slowing your PC down? Are there errors that reduce system stability? Is your privacy protected? simplicheck is based on well-proven scanning technology that has proven successful in everyday customer use. simplitec GmbH benefits from 18 year of experience system software development.	
BIO-Flasher Update BIOS effortlessly from a USB flash disk before entering the OS. 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.	
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.	