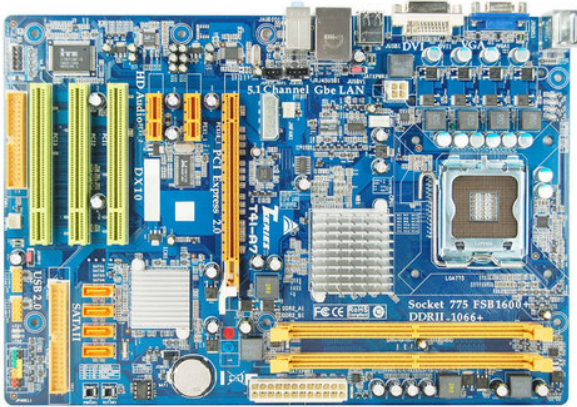


T41-A7 Motherboard



- Intel LGA775 Platform
- Support latest Intel Socket 775 Core 2 Quad/Core 2 Duo Processors
- Support Intel 45nm CPU processors
- FSB 1333/1066
- Intel G41 chipset
- Dual-Channel DDR2 -800/667
- Solid Capacitors designed in CPU VRM area

T41-A7 Specification

CPU SUPPORT	<p>Intel® Core™ 2 Quad Processor Intel® Core™ 2 Duo Processor Intel® Pentium® Dual-Core Processor Intel® Celeron® Dual-Core Processor Intel® Celeron® Processor 400 Sequence Maximum CPU TDP (Thermal Design Power) : 130Watt</p>
FSB	Support FSB 800/1066/1333MHz
MEMORY	<p>Support Dual Channel DDR2 667/800 MHz 2 x DDR2 DIMM Memory Slot Max. Supports up to 8GB Memory</p>
INTEGRATED VIDEO	<p>Intel Graphics Media Accelerator X4500. Support RGB with max. resolution 2048 x 1536@75Hz Max. shared memory 1759MB(DVMT) * Supports DX10 * The Max shared memory size will be available only when 4GB memory or more installed on Motherboard under the 64-bit OS.</p>
STORAGE	<p>4 x SATA II Connector 1 x IDE Connector</p>
LAN	Realtek RTL8111DL - 10/100/1000 Controller
AUDIO CODEC	Realtek ALC662 6-Channel HD Audio

USB	4 x USB 2.0 Port 2 x USB 2.0 Header
EXPANSION SLOT	1 x PCI-E x16 Slot 2 x PCI-E x1 Slot 3 x PCI Slot
REAR I/O	1 x PS/2 Mouse 1 x PS/2 Keyboard 4 x USB 2.0 Port 1 x DVI Connector 1 x VGA Port 1 x LAN Port 3 x Audio Jacks
INTERNAL I/O	2 x USB 2.0 Header 4 x SATA II Connector (3Gb/s) 1 x IDE Connector 1 x Floppy 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 COM Port Header
DIMENSION	ATX Form Factor Dimension: 30.5cm X 21cm (W x L)
OS SUPPORT	Supports Windows 2000 / 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
FEATURES	Supports Solid capacitor Tweak Tech Supports Clean-Tone Supports Rapid Switch Supports Rapid Debug BIO-FLASHER Supports GPU
T41-A7 OVERVIEW	
CPU-Chipset	



Intel G41 chipset

Intel® G41 Express Chipset plus the next-generation Intel® Graphics Media Accelerator X4500 (Intel® GMA X4500) supports smooth HD video playback without add-in video cards or decoders. Intel® GMA X4500 comes with Intel® Clear Video Technology, a combination of video processing hardware and software technologies designed to enhance the visual experience. The Intel® G41 Express Chipset also delivers optimized 3D graphics performance and supports Microsoft DirectX* 10, Shader Model* 4.0 and OpenGL* 2.0.

Audio+



Clean-Tone

Clean Tone Technology

Biostar innovative low distortion audio design reduces high frequency noise generated by a motherboard. One independent capacitor per channel handles the occurring noise. Onboard 8+2 channel Realtek ALC 888CODEC features an HD audio solution. T-series delivers a signal to the noise ratio over 95dB which perfectly fits into the Windows Vista premium environment.

Speed+



O.N.E

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

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+



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.



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+

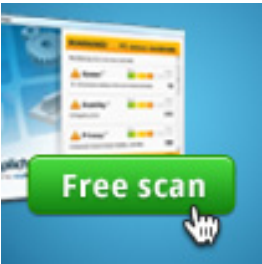
MX SUITE

THE ALL-IN-ONE
MEDIA SOLUTION



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 Utilitiy

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



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!

BIOSTAR