

LANParty LT X48-T3R, a real monster empowered by ThermalRight

Although the Chinese New Year festival was important to DFI's headquarters, the R&D team of DFI hasn't slowed down at all, in order to launch the new product of X48 motherboard well ahead of the preset schedule. DFI's LANParty UT X48-T3R is now just around the corner, ready to greet our enthusiasts throughout the world. This motherboard, based on Intel LGA775 socket CPU, will fully support the latest Intel 45nm process Quad-core CPU. Our LANParty LT(?) X48-T3R features the highest end of Intel X48 + ICH10R chipset. It provides enthusiasts with a powerful measure that supports the latest CrossFire technology and the fastest FSB1600MHz, DDR3 1333 memory. Besides this, a server grade model, LP UT X48-T3R provides even more goodies such as the utmost Volterra 8-phase Digital PWM, full solid state aluminum capacitors, and Marvell's dual gigabit LAN chip which surely enhances the overall teaming function. Users kept telling DFI that the BIOS design is the "soul" of a motherboard; we listened and now we are coming up with the most elaborated version of BIOS for every finished board that rolls out from our factory. For enthusiasts, this means the ability to tweak their monster gear with unlimited choices of BIOS environment. The combination of



Genie BIOS and CMOS Reload is the ultimate weapon to help every knight of our enthusiasts to beat the beast, over again and again.

You will also be happy to notice an eye-catching feature on our LANParty UT X48-T3R board, a powerful heat pipe cooler, we called "heat freezer". It is a first-in-industry invention that resulted from our cooperation with The ThermalRight Company, a world renowned,

professional manufacturer in the computer cooler industry. ThermalRight is highly regarded by the computer world for its creativity and expertise in the heat dissipation process. It has been with great honor that DFI involves ThermalRight in developing a supreme quality cooler such as our "heat freezer" for servers. Every LANParty UT series motherboard is now equipped with the exclusive sub-assembly. For this, DFI has just pushed the motherboard standard a step farther. While you are serious in the game world, you would not want to miss a board with the utmost, state-of-the-art heat freezer feature.

Specification:

Processor : Supports core 2Duo, Core 2 Quad and Core 2 Extreme

Chipset : Intel X48+ICH10R

FSB : Supports 1333/1600MHz

Memory : Supports DDR3 Memory

Display : Supports CrossFireX Technology

Audio : DFI Bernstein Audio module

Storage : Provides 6 x SATA II port

RAID : Supports RAID 0/ 1/ 0+1/ 5

IDE: Supports IDE interface

X48 + ICH10R: The Intel® X48 Chipset supports the latest multi-core processors, FSB 1600MHz, 45nm processing; It is regarded as the module with cutting-edge performance and energy efficiency. Intel® X48 chipset, while its over-speed protection is removed for maximum over clocking, and with optimized system memory capabilities, can provide very fast booting, reduce application load time, and achieve extra power savings.

DDR3 memory: The DDR3 memory is a choice for the next-generation PC system. DDR3 memories support data rates of 1,600 MT/s and clock frequencies elevated from 400 MHz to 800 MHz, effectively double the speed of DDR2. The DDR3 supply voltage has also been lowered from 1.8V to 1.5V, cutting power consumption by up to 30 percent, while no performance is sacrificed.



PCI-E Gen 2 Technology: PCI-E 2.0 doubles the bus standard's bandwidth from 2.5 Gigabit/s to 5 Gigabit/s. This means that a x32 connector can transfer data at up to 16 GB/s in each direction. It also works perfectly compatible with PICE 1.0.



The CrossFireX: Supports ATI CrossFireX™ Technology, real dual PCI-E Gen2 x16 or three PCI-E Gen2 x8 connectivity for up to the latest 2 or 3-way ATI CrossFireX™ VGA cards. It supports the physics and provides the ultra realistic 3D rendering.

Functionality of Teaming: LANParty series provides Dual gigabit LAN to gamers as a regular and basic feature. Nowadays, it is almost a must when users want to grab information from DVD contents and highly loaded games to engage in instant fighting with buddies on LAN games. For that reason, DFI LP UT X48-T3R provides another unique function, Teaming function to all the heavy users of Internet/ LAN. It features double-bandwidth to meet the needs. Moreover, it has a fail-over function that if one LAN port crashes, the other one will continue. Needless to say the teaming function gives you the performance, connectivity and back up functions that you will ever need.

Serial ATA 3GBps/ (SATA II): This high speed storage measure improves data transfer rate. LANParty provides 4 Serial ATA ports with up to 3 Gbps speed and can support RAID 0/ 1/ 0+1/ 5 as well.



The Digital PWM: DFI is the first motherboard manufacturer to replace the ordinary PWM with Digital PWM in the industry. Digital PWM uses special components to supply stabilized and sufficient current to accommodate enthusiasts' needs in OC or gaming. The heat dissipating fins of the PWM circuit stabilize current flow to the whole system including Quad cores CPU.



Bernstein audio: DFI's Bernstein audio module is the newest provision that demonstrates excellent on-board audio quality of LANParty UT X48-T3R. The board is innovative in many ways that greatly surpasses those of Karajan's. Location wise, it is now placed to the PCI slot vicinity for easy mounting. You will also notice that the new audio module certainly achieves a perfect noise reduction than any of the previous models. Since that Pro-gamers or power users expect the best quality for their output devices, and the noise reduction feature here is just the right answer. It is noteworthy that Bernstein audio adopts Realtek ALC885 high definition codec and is certified by Microsoft Vista Premium. It features a DAC SNR of 106dB and ADC SNR of 101dB. It also supports a sampling speed at the highest 192 KHz, 10 DAC channels, 3 Stereo ADC channels (7.1 + 2 channels) and 24bit PCM. Besides, please do not forget that it provides "Full-rate Lossless Content Protection Codec" that can decrypt Content Protection for HD-DVD that will come in the future, and please you with the clearest image quality of DVD playing.



EZ Switch: For easier manipulation, DFI has created a handy way for overclockers to switch the on and reset buttons while the system is there without a chassis cover.



The debug light: The debug LED can help users to detect what sort of problems they are facing. It has a total of 40 different signal codes to help users to fix hardware issues in just a blink of the eyes.



Top quality Japanese Capacitors: DFI LANParty series strictly incorporates only the supreme and refined components into every motherboard. The Japanese-made highest-end capacitor is just one of our insurances. The superb long life, highly stable, and reliable Japanese capacitors are the rock solid parts used for our super overclocking platform.



CMOS Reloaded Technology: CMOS Reloaded is a creative design for BIOS settings. It is absolutely the first-in-industry of our products to meet enthusiast's need since 2003. Overclockers can simply backup and load with the CMOS Reloaded for their OC BIOS setting. No hassles to start over again from the very beginning stage of fine-tune procedure should an OC failure occurs. Instead, the enthusiasts can save a stable setting during the O.C. process and keep overclocking in a convenient and uninterrupted way.



Genie BIOS: Enthusiasts always take great pleasure in that they can squeeze a little more performance from the system while overclocking. Considering this, DFI has offered a variety of BIOS options for enthusiasts. There are memory voltage option, NB & SB option, CPU VCore option, and HT voltage option. In fact, we have created unlimited numbers of OC environment for our enthusiasts.

*** DFI booth in Cebit2008, Hall 21, no. c11 (4th to 9th, March). Look forward to see you there!!**