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Book Descriptions:

Dfi Lanparty Dk X38-T2Rb Manual

It includes DFI configuration, performance, design manual.Downloadable DFI LANPARTY DK X38T2RB Motherboard DDR2800MHz Motherboard Manual. This configuration DFI provided was complete with a. The Motherboard add up to 8GB memory, with standard 0MB memory installed. Computer, server, laptop notebook service manuals are also available at our sites download section, for free compatible for your system, please browse through our hardware service centre manuals, downloadable user guide, manuals for DFI Motherboard, also these are helpful in servicing old or new server hardware, computer, hadware repair and all other manuals for Free.http://faguaflowers.com/images/admin/bp7001sc-manual.xml

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We delete comments that violate our policy, which we encourage you to read. Discussion threads can be closed at any time at our discretion. Please email us if youre running the latest version of your browser and you still see this message. The actual Open Box product may differ in packaging and included accessories, but has been tested to ensure basic functionality. Based on Intels X38 and ICH9R chipsets, this ATX board is ready to host the latest LGA775 Core2 quadcore processors along with Core 2 Duo CPUs. A pair of PCIExpress 2.0 x16 cards can be mounted for cuttingedge graphic power with support for CrossFireX. Integrated Gigabit Ethernet LAN allows bottleneckfree

connections to other network devices at broadband speeds and a halfdozen USB 2.0 ports allows for nearly unlimited possibilities in connecting peripheral devices. Gigabit LAN is ideal for supercharged seamless streaming of Internet audio and video content.It has X38 chipset and is compatible with low cost ddr2 ram. Has 2 PCIE 16x slots for crossfire. Detailed instructions on DFI website to OC the Q6600 to 3.680.I recommend you run this chip at 3.2 ghz with a x9 multiplier.I used the Zeotherm CORE92 and it fit correctly with room to spare.Even after taking all the cards out, etc, I couldnt get past the code 88, so Newegg issued an RMA for the card.Most companies dont care or take the time to followup and make sure they have a satisfied customer that will be back again for the next system, but Newegg does. The board gets 1 star for not working for a whole day, but I added a star for Neweggs customer support coming thru and saving the day. I ordered another eVGA board from them to match my other one from a year ago. Its always nice to have multiple systems with easily swapped parts.Plenty of room for expansion and upgrades.

I had bought 2 heatsinks for my computer that this motherboard was going to be going into, a 20 dollar Rosewill one, and a Zalman 9500A, which DOES NOT fit with this system, I spent over thirty minutes trying to make it fit, and after many cases of trial and error, the only way I could find to make the heatsink fit is to melt the retention bar into the LGA 775 bracket that came with it, and personally, I dont think its that worth it. Other problem I had is that the connecting cables for your drives are rather limited for stock, and since this was my first motherboard purchase, I was a bit let down by that.The bios genie makes testing new configs and rolling back from them a snap. Also, the CMOS reset pin is on the back panel, so you can reset the CMOS without opening the machine at all.Also, no firewire. but not a huge deal.After that, it would not post again. The lcd display on the mobo proved very handy in troubleshooting this issue. The machine would turn on, display C1, then 25, 26, and it would subsequently reboot. Upon reboot, it would just hang at the C1 error code. To fix this, install one memory module, flash the bios, and it should boot. When it boots, go into the BIOS and set the memory voltage to whatever the manufacturer recommends.Save, shutdown, install the rest of your memory, and boot up. With the proper settings and a little luck you should be good to go.Great prices, fast shipping and it all assembled flawlessly. 2 Acer 22in LCD Monitors N82E16824009145 LG BluRay Drive N82E16827136133 2 Kingston HyperX 2 x 2gb DDR2 Ram 8gb total N82E16820104060 Corsair 750W PSU N82E16817139006 DFI LanParty DK X38T2RB Motherboard N82E16817139006 Antec Nine Hundred Case N82E16811129021 Vista Ultimate 64 bit N82E16832116493 Intel Core 2 Quad Q9550 2.

83GHz N82E16819115041 Arctic Cooling Freezer 7 Pro N82E16835186134 LG DVD Burner N82E16827136152 Logitech MX Revolution Mouse N82E16826104015 Logitech Wired Keyboard N82E16823126022 Western Digital 500Gb Caviar Black Hard Drive N82E16822136320 Western Digital 300Gb VelociRaptor Hard Drive N82E16822136322Plenty of fan connecters if you want to do your fans that way.Over clocks easy used e7400 45nm no problem to get 3.6 stable 2 gig of 1066 ram and 2 3870s in crossfire 3D Mark 15505Click here for more details. Secure shopping made faster. Check out with PayPal. Any exceptions to the condition of the item outside the manufacturer's information should be provided in the listing, up to and including warranty details. Any accessories MAY OR MAY NOT be included. Newegg will NOT send you any missing accessories, even if it is required to use all of the item's functions.Open Box items usually do not come with manufacturer or vendor warranty or technical support. However, warranty support may be available if an item was never registered by a previous owner. Please contact the manufacturer to check. Product may includes warranty, and accessories found with the original product. Product may or may not be in the original packaging. Returned items with minor packaging defects fall under this category. Product does not come with warranty unless stated otherwise in product description. Product does not come with warranty unless stated otherwise in product description. Product does not come with

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Some manufacturers place restrictions on how details of their products may be communicated. Create one here. Creators are allowed to post content they produce to the platform, so long as they comply with our policies. United Kingdom. Company number 10637289. User's Manual. Copyright. This publication contains information that is protected by copyright. No part of it may be reproduced in any form or by any means or. This publication is provided for informational purposes only. TheThe user will assume the entire risk of the use or theFurther, the manufacturer reserves the right to revise this publication and make changes to itsTrademarks. Microsoft Corporation. VIA is a registered trademark of VIA Technologies, Inc. Award is a registered trademark of Award Software. Inc. Other trademarks and registered trademarks of products appearing in this manual are the properties of their respective holders. FCC and DOC Statement on Class B. This equipment has been tested and found to comply with the limitsThese limits are designed to provide reasonable protection againstHowever, there is no guarantee that interference will notIf this equipment does cause harmfulNoticeTable of Contents. Warranty. Static Electricity Precaution. Safety Measures. About the Package. Before Using the System Board.Specifications. 8. Features. 10. Chapter 2 Hardware Installation. System Board Layout. System Memory.Award BIOS Setup Utility.Chapter 5 RAID. 115. Appendix A System Error Message. 121. Appendix B Troubleshooting. 123. WarrantyIt must be returned to the purchase point, factory or authorizedStatic Electricity Precautions. It is quite easy to inadvertently damage your PC, system board,You must take extraBe careful not to touch any ofHold modules or connectors by their ends. Important. Electrostatic discharge ESD can damage your processor, diskPerform the upgrade instructionIf a wrist strap is unavailable, establish and maintain contact with the system chassis throughoutSafety Measures.

To avoid damage to the system. To reduce the risk of electric shockAfter installation or servicing,BatteryThe system board package contains the following items. If any ofA user's manual. One IDE cable. One FDD cable. Two Serial ATA data cables. One Serial ATA power cableThe system board and accessories in the package may not comeThis may differ in accordanceFor more information about the standard package in your region, please contactBefore Using the System Board. Before using the system board, prepare basic system components. If you are installing the system board in a new system, you will needStorage devices such as hard disk drive, CDROM, etc. You will also need external system peripherals you intend to useChapter 1 Introduction. SpecificationsChipset. Memory Access technology. System Memory. Expansion SlotsIntroductionFeatures. DDR2 is a higher performance DDR technology whoseThat is twice the speed of the conventional DDR without increasing its power consumption. DDR2 SDRAM modules work at 1.8V supply compared to 2.6VDDR2 also incorporates newThe onboard Realtek ALC885 is a High Definition audioThis preventsThe JMicron JMB368 chip suppor ts up to two. UltraDMA 100Mbps IDE devices. Serial ATA is a storage interface that is compliant with SATA 1.0 specification. The IntelP35T2RS system boards allow configuring RAID on SerialThe Marvell 88E8053 PCI Express Gigabit LAN chipThe system board supports Intel proceshyperthreadingEnatechnologyTechnology for your computer system requires ALL of the followingComponents. BIOS a BIOS that supports HT Technology and has it enabled. OS an operating system that includes optimizations for HT. Technology. For more information on HyperThreading Technology, go toThe x1 PCI Express lane supports transfer rate of 2.5 Gigabytes

250MBbps per second. The PCI ExpressGigabytes per second transfer rate. CMOS Reloaded is a technology that allows storingBIOS utility to save, load and name the settings.

ThisCPU Overheat Protection has the capability of monitoring the CPU's temperature during system boot up. Once the CPU's temperature exceeded the temperature limit predefined by the CPU, the system will automatically shutdown. This preventive measure has been added to protect the CPUProtection. The system board is equipped with an IrDA connectorIrDA. The system board supports USB 2.0 and USB 1.1This feature allows the system that is in the. Suspend mode or Soft Power Off mode to. PME Power Management Event signal to remotely wake up theImportant. If you are using a modem addin card, the 5VSB power sourceIt is supported via the onboard LAN port or via a PCI LAN cardWakeOnLAN. The 5VSB power source of your power supply must supportImportant. The 5VSB power source of your power supply must supportThis function allows you to use a USBWakeOnUSB. ImportantThe RTC installed on the system board allows yourThe system board is designed to meet the ACPI Advanced Configuration and Power Interface specification. ACPI has energy saving features that enables PCs to implement. Power Management and PlugandPlay with operating systems thatACPI when enabled in the. Power Management Setup will allow you to use the Suspend to. RAM function.With the Suspend to RAM function enabled, you can poweroff theThis is because the system is capable of storing all programs and data files during the entire operating session into RAMThe operating sessionImportant. The 5VSB power source of your power supply must supportHardware InstallationSystem Board LayoutOn the LP DK P35T2 board, it onlyElectrostatic discharge ESD can damage your system board, processor, disk drives, addin boards, and other components.

Perform theIf such a station is not available, you can provide some ESD protection by wearing an antistatic wrist strap and attaching it to a metalIf a wrist strap is unavailable, establishSystem MemoryWhen the DRAM Power LED lit red, it indicates that power isPoweroff the PC then unplug theFailure to do soChannel AChannel A DDR21 and DDR22. Channel B DDR23 and DDR24Single Channel SC. Data will be accessed in chunks of 64 bits 8B from the memoryVirtual Single Channel VSC. If both channels are populated with different memory configurations,Dual Channel DC. Dual channel provides better system performance because it doublesDynamic Mode AddressingSingle Channel. DIMMs are on the same channel. DIMMs in a channel can be identical or completely different. Not all slots need to be populated. Virtual Single. Channel. DIMMs of different memory configurationsOdd number of slots can be populated. Dual Channel. DIMMs of the same memory configurationDynamic Mode. Addressing. In single channel, requires even number orBIOS Setting. Configure the system memory in the Genie BIOS Setting submenuThe table below lists the various optimal operating modes that shouldDual channelConfig. Continued on the next page.E denotes empty. SS denotes Single Sided DIMM. DS denotes Double Sided DIMMInstalling the Memory Module. Note. The system board used in the following illustrations may notThese illustrations are for referenceEjectorEjectorDIMM socketsNotch. KeyThe system board is equipped with a surface mount LGA 775 socket. ThisRMA requestsInstalling the CPUCPU socket on theImportant. The CPU socket mustCPU. Avoid unnecessaryRemove the protective cap only when youLever. Lift this part upLeverTabCoverCPU socket. Handle the CPU by itsPin 1 ofGold markImportant. Do not force the CPULever. Installing the Fan and Heat Sink. The CPU must be kept cool by using a CPU fan with heat sink. Without sufficient air circulation across the CPU and heat sink, the.

CPU will overheat damaging both the CPU and system board. NoteIf the installation procedure in the installation guide differs from the oneThe thermal paste is usuallyDo not spread the paste all over the surface. When you laterPeel the strip that covers theMounting hole. Mounting holeGrooveHeat sink. Stud. You will not be able to secure the fan and heat sink assembly in placeClear CMOS Data. Clearing CMOS Data using JumpersClear CMOS DataClear CMOS DataThis providesTo load the default values stored in the ROM BIOS, please followWait for a few seconds

andThe 5VSB power source of yourUSB Power SelectImportantCPU FSB SelectCPU's FSB. If you want to change the setting, please refer to theHardware InstallationRTC resetNote. RTC power planes are on.Subwoofer. MouseMicinClear. OpticalCoaxial RCAYour USB ports may come mounted on a cardedge bracket. InstallLAN Port. The LAN port allows the system board to connect to a local areaAudio. Rear audio. Subwoofer. Linein. MicinMicR. LineoutR. Frontsense. LineoutL. Front audioMicjacksense. Key. LineoutjacksenseGround. Ground. Left audio channel. CDinThis jack is used to connect to the center and subwoofer speakers of the audio system. This jack is used to connect to the rear right and rear left speakers of the audio system. This jack is used to connect to the side left and side right speakers of the audio system. Linein Light Blue. This jack is used to connect any audio devices such as Hifi set. This jack is used to connect to the front right and front leftThis jack is used to connect an external microphone. Front Audio. The front audio connector is used to connect to the lineout andCDin. The CDin connector is used to receive audio from a CDROMSerial ATA ConnectorsConfiguring RAID. Refer to the RAID chapter in this manual for more informationFloppy Disk Drive Connector and IDE ConnectorThe floppy disk drive connector is used to connect a floppy drive.

Insert one end of the floppy cable into this connector and the otherThe colored edge of theIDE Disk Drive Connector. The IDE disk drive connector is used to connect 2 IDE disk drives. An IDE cable have 3 connectors on them, one that plugs into thisThe connectorThe colored edge ofNote. When using two IDE drives, one must be set as the masterFollow the instructions provided byThis connector is used to connect an IrDA module. The sequence of the pin functions on some IrDA cable may beMake sure to connect the cable connector to the IrDAYou may need to install the proper drivers in your operating systemRefer to your operating system's manual orSerial COM Connector. The serial COM connector is used to connect modems, serial printers, remote display terminals, or other serial devices. Your COM portInstall the cardedgeThe colored edge ofCooling Fan Connectors. Sense. Power Speed. Control. GroundSenseX Power. Fan 3Cooling fansEZ Touch Switches. Reset. PowerUse a power supply that complies with the ATX12V Power Supply. Design Guide Version 1.1. An ATX12V power supply unit has aThe power connectors from the power supply unit are designed toThe FDDtype power connector is an additional power connector. IfThe system board will still work even if the additional power connector is not connected. GroundImportant. Insufficient power supplied to the system may result in instability or the addin boards and peripherals not functioning properly. Calculating the system's approximate power usage is important to ensure that the power supply meets the system'sNormally, you can poweroff the PC byIf for some reasons you need to totally cut off the power suppliedTake note though that if you intend to restart it at once, pleaseDue to this reason, weStandby Power LED to lit off.

If the system board is already enclosed in a chassis which apparently will not make the Standby Power LED visible, wait for 15The above will ensure protection and prevent damage to theFront Panel Connectors and LEDsPower LEDRESET Reset Switch. This switch allows you to reboot without having to power off theSPEAKER Speaker Connector. This connects to the speaker installed in the system chassis. ATXSW ATX Power Switch. Depending on the setting in the BIOS setup, this switch is a "dualWhen the systemRAM state, it will blink every second. NotePlease makePin. Pin AssignmentSpeaker PowerDRAM Power LED. This LED will light when the system's power is on. Standby Power LED. This LED will light when the system is in the standby mode.PCI Express Slots. PCI Express x16. PCI Express x1. PCI Express x1Install PCI Express x16 graphics card, that comply to the PCI Express specifications, into the PCI Express x16 slot. To install a graphics card into the x16 slot, align the graphics card above the slot thenPCI Express x1. Install PCI Express cards such as network cards or other cards thatAward BIOS Setup UtilityIn addition, the BIOS also contains codes for various advanced features found in this system board. This chapter explains the. Setup Utility for the Award BIOS. After you power up the system, the BIOS message appears on theAfter the memory test, thePress DEL to enter setup. If the message disappears before you respond, restart

the system orYou may also restart the system by pressing the and keys simultaneously. When you press, the main menu screen will appear. Phoenix AwardBIOS CMOS Setup UtilityLoad Optimized DefaultsSet Supervisor PasswordSet User PasswordExit Without Saving. Esc QuitTime. Tue, Oct 30 2007None. None. NoneNone. Channel 0 Master. Channel 0 Slave. Channel 1 Master. Channel 1 Slave. Channel 2 Master. Channel 3 Master. Channel 4 Master. Channel 4 SlaveVideo. Halt On. All Errors. Base Memory. Extended Memory. Total MemoryMonth displays the month, from.

January to December. Date displays the date, from 1 to 31. YearTime. The time format is. The time is basedFor example, 1 p.m. is 130000. Hour displays hours from 00 to 23. Minute displays minutes fromTo configure the IDE drives, move the cursor to a field then pressPhoenix AwardBIOS CMOS Setup Utility. IDE Channel 0 Master. IDE HDD AutoDetection. Press Enter. Access Mode. Auto. Menu Level. CapacityHead. Precomp. Landing Zone. SectorPhoenix AwardBIOS CMOS Setup Utility. Hard Disk Boot PriorityItem Help. Menu LevelMove. F10 Save. ESC Exit. F5 Previous Values. F6 FailSafe Defaults. F7 Optimized Defaults. The settings on the screen are for reference only. Your version may not beVirus Warning. This field protects the boot sector and partition table of your hardAfter seeing the error message, if necessary, you will be able to runMany disk diagnostic programs which attempt to access the bootThis field speeds up Power On Self Test POST whenever the system is powered on. The BIOS will shorten or skip some check itemsFirst Boot Device, Second Boot Device, Third Boot Device and Boot. Other Device. Select the drive to boot first, second and third in the "First Boot. Device" "Second Boot Device" and "Third Boot Device" fields respectively. The BIOS will boot the operating system according to theSet "Boot Other Device" to EnabledBoot Up Floppy Seek. When enabled, the BIOS will check whether the floppy disk driveNote that the BIOS cannot distinguishNote that there will not be anyBoot Up NumLock Status. This allows you to determine the default state of the numericWhen set to. Off, the function of the numeric keypad is the arrow keys. Security Option. This field determines when the system will prompt for the passwordeverytime the system boots or only when you enter the BIOS setup. System. The system will not boot and access to Setup will beSetup. The system will boot, but access to Setup will be deniedMPS Version Control for OS.

This field is used to select the MPS version that the system board isHDD S.M.A.R.T. Capability. The system board supports SMART SelfMonitoring, Analysis and. Reporting Technology hard drives. SMART is a reliability prediction. The drive will provide sufficient notice to the system or user to backup data prior to theIf you are using hard drivesFull Screen Logo Show. This field is applicable only if you want a particular logo to appearEnabled. The logo will appear in full screen during system bootup. Disabled The logo will not appear during system bootup.Phoenix AwardBIOS CMOS Setup Utility. Advanced Chipset Features. Memory Hole at 15M16M. PCIE Compliancy Mode. You can enter up to 5 characters. Type in exactly the sameThe power button will not function once a keyboard password hasYou must type the correct password to poweron the system. If you forgot the password, poweroff the system andHot Key Power On. This field is used to select a function key that you would like to useOnboard FDC Controller. Enabled. Disabled. Enables the onboard floppy disk controller. Disables the onboard floppy disk controller. Onboard Serial Port. Allows you toDisabled. Disables the onboard serial port. Onboard IRDA Select. Allows you to. IrDA. Disables the onboard IrDA.This field is used to select the type of IrDA standard supported byUR2 Duplex Mode. Half. Full. Data is completely transmitted before receivingTransmits and receives data simultaneously. PWRON After PWRFail. Off. On. FormerSts. When power returns after an AC power failure,You must press the. Power button to poweron the system. When power returns after an AC power failure,When power returns after an AC power failure,If the system'sIf the system'sUSB Device Setting. Phoenix AwardBIOS CMOS Setup Utility. USB Device Setting. USB 1.0 Controller. USB 2.0 Controller. USB Operation Mode. USB Keyboard Function. USB Mouse Function. USB Storage Function. Enalbed. USB 2.0 Flash Disk 1100. Auto ModePhoenix AwardBIOS CMOS Setup Utility.

IRQ ResourcesPhoenix AwardBIOS CMOS Setup Utility. CPU Feature. Thermal Management Control. PPMEIST Mode. Limit CPUID MaxVal. C1E Function.

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