

Dfi Lanparty 790Fxb Manual



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Book Descriptions:

Dfi Lanparty 790Fxb Manual

It includes DFI configuration, performance, design manual. Downloadable DFI LANPARTY DK 790FXBM2RS Motherboard DDR2800MHz Motherboard Manual. The Motherboard add up to 8GB memory, with standard 0MB memory installed PC26400 DDR2800 240pin DIMM. 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, hardware repair and all other manuals for

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Manual. <http://www.igk-lilienthal.de/downloads/bp1200-dts-manual.xml>

It includes DFI configuration, performance, design manual. Downloadable DFI LANPARTY DK 790FXBM2RSH Motherboard DDR2667MHz Motherboard Manual. The Motherboard add up to 8GB memory, with standard 0MB memory installed PC25300 DDR2667 240pin DIMM. Laptop Mag EditorinChief Sherri Smith joins Scharon this week! For a better experience, please enable JavaScript in your browser before proceeding. It may not display this or other websites correctly. You should upgrade or use an alternative browser. U can download the manual from the DFIs web site. U can try looking in a torrent site for the manual or call to DFI in the USA. I still had a link to the page in an email and as of writing this, it still works The above link should provide access to all of the Lanparty drivers, manuals, bios stuff, etc. Failing that. I still have the European User manual

for the 790FX in my google docs. But it is not as complete as the Full English User Manual Hope that helps. Manual Unclear. Manual Unclear. We are working every day to make sure our community is one of the best. 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. The user will assume the entire risk of the use or the further, the manufacturer reserves the right to revise this publication and make changes to its trademarks. Microsoft Corporation. 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 FCC and DOC Statement on Class B. This equipment has been tested and found to comply with the limits. These limits are designed to provide reasonable protection against. However, there is no guarantee that interference will not. If this equipment does cause harmful. Notice Table 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. Jumper Settings. Switchable Modes for Overclocking. 49. Award BIOS Setup Utility. 50. Chapter 4 Supported Software. 106. Chapter 5 RAID. 134. Chapter 6 ATI CrossFireX Technology. 137. Chapter 7 Cool'n'Quiet Technology. 143. Appendix A ABS. 145. Appendix B System Error Message. 153. Appendix C Troubleshooting. 155. Appendix D Debug LED POST and Troubleshooting. 159. Warranty. It must be returned to the purchase point, factory or authorized. Static Electricity Precautions. It is quite easy to inadvertently damage your PC, system board, you must take extra. Be careful not to touch any off-hold modules or connectors by their ends. Important. Electrostatic discharge ESD can damage your processor, disk. Perform the upgrade instruction. If a wrist strap is unavailable, establish and maintain contact with the system chassis throughout. Safety Measures. To avoid damage to the system. To reduce the risk of electric shock. After installation or servicing. Battery. The system board package contains the following items. If any of. One IDE cable. Four Serial ATA data cables. Power cable with 2 Serial ATA power connectors. 2 pcs. Smart connectors. One DVD. One user's manual. Auto Boost System ABS installation guide. The system board and accessories in the package may not come. This may differ in accordance. For more information about the standard package in your region, please contact. Before 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 need. Storage devices such as hard disk drive, CD-ROM, etc. You will also need external system peripherals you intend to use. Chapter 1 Introduction. Specifications. Chipset. System Memory. Therefore, if you are using this. Expansion Slots. ADCs with 101dB dynamic range. A. Weight. Introduction. Serial ATA with. Management. Hardware.

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Monitor. Features. DDR3 delivers increased system bandwidth and improved performance. It offers peak data transfer rate of. The advantages of DDR3 are. ATI's CrossFire™ technology drives your PC to a new. Aside from dual GPU for 3D rendering, CrossFire's new feature asymmetric processing technology, allows adding another dedicated. GPU for physics processing. The 3 GPUs simultaneously handle. Data. Parallel Processing DPP computing tasks such as game rendering. This provides more realistic cutting. The x16 PCI Express lane supports. The onboard Realtek ALC885 is a High Definition audio. This prevents. Serial ATA is a storage interface that is compliant with. The Marvell 88E8056 PCI Express Gigabit LAN chip. Gigabit supports up to 1Gbps data rate. This is especially. The options in Genie BIOS allows configuring the system. The presence of the power switch and reset switch on. CPU Overheat Protection has the capability of monitoring the CPU's temperature during system boot up. Once. This preventive measure has been added to protect the CPU. Protection. The system board is equipped with an IrDA connector. IrDA for wireless connectivity between your computer and peripheral devices. The IRDA Infrared Data Association. The system board supports USB 2.0 and USB 1.1. This feature allows the system that is in the Suspend. PCI PME Power

Management Event signal to remotely wake up WakOn. Ring. If you are using a modem addin card, the 5VSB power sourceSoft Power Down SoftOff PC. It is supported via theHowever, if your system is in the Suspend mode, you can poweron theWakOnThe 5VSB power source of your power supply must supportWakOn. The 5VSB power source of your power supply must supportWakOnImportantThe system board is designed to meet the ACPI Advanced Configuration and Power Interface specification.

<http://asyasunger.com/images/Daewoo-R-49C10-Manual.pdf>

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 supportFailure. RecoveryHardware InstallationSystem Board LayoutCPU fanCoaxial RCALinein. MicinFlash BIOS JP15MarvellSpeakerStandby. Power LEDFront panelElectrostatic 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 DIMM 1 and DIMM 2. Channel B DIMM 3 and DIMM 4Hardware InstallationSingle 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 BIOS.The 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 DIM Module. Note. The system board used in the following illustrations may notThese illustrations are for referenceEjectorEjectorNotch.

<http://phdpezeshki.com/images/Daewoo-Racer-1994-Manual-Download.pdf>

KeyConfigure the system memory in the Genie BIOS Setting submenuThe system board is equipped with Socket AM3 for installing an AMD. CPU designed for this socket. Installing the CPUHardware InstallationCPU socket. Handle the CPU by itsGold mark. Pin 1Do not force the CPUThe lever should click onSide tabThe CPU must be kept cool by using a CPU fan with heat sink. WithoutNoteIf the installation procedure in the installation guide differs from the one in this section,The thermal paste is usually supplied whenDo not spread theWhen you later place the heat sink on topDo not apply the pastePeel the stripRetentionRetaining tabHook the other side ofRetaining tab. Hardware InstallationNoteNorthbridge Heat Sink. The Northbridge must be kept cool by using a heat sink. The heatWithout theNorthbridge and the system board. The system board comes with the heat sink already installed on theClear CMOS DataClear CMOS DataClear CMOS Data. If you encounter the following,This providesTo load the default values stored in the ROM BIOS, please followWait for a few secondsImportant. The 5VSB power source of your power supply must support 720mA.Selecting 5VSB will allow you to use the USB keyboard or USBImportant. The 5VSB power source of your power supply must support 1.5A 2 devicesOff. X SpeakerSpeaker OnThe system board is equipped with a buzzer which serves as the. PC's speaker. By default the buzzer is "on" allowing you to hear theIf you intend to use an external speaker, turn this function off by setting JP8 pins 1 and 2 to On. PCIE 3 SettingJP11 12, 45 On 23, 56 On. JP12 12, 45 On 23, 56 OnHardware InstallationSet this jumper according to the type of PCI Express card that youSubwoofer. MouseMicinClear. OpticalCoaxial RCA. ImportantAudio and CDIn. Rear audio. Subwoofer. Linein. MicinGround.

Ground. Left audio channel Mic This 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. Line in 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 left This jack is used to connect an external microphone. Front Audio. The front audio connector is used to connect to the line out and CD in. The CD in connector is used to receive audio from a CD ROM Serial ATA Connectors Configuring RAID. Refer to the RAID chapter in this manual for more information FDD Connector and IDE Connector The floppy disk drive connector is used to connect a floppy drive. Insert one end of the floppy cable into this connector and the other The colored edge of the IDE 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 this The connector The colored edge of Note. When using two IDE drives, one must be set as the master Follow the instructions provided by Connect the cable connector from your IrDA module to the IrDA Note CIR connector according to their pin functions. You may need to install the proper drivers in your operating system. Refer to your operating system's Serial COM Connector. The serial COM connector is used to connect modems, serial printers, remote display terminals, or other serial devices. Your COM port Install the card edge The colored edge of Cooling Fan Connectors Power Speed. Control. Ground Ground Sense CPU Fan Power. Fan 3 Sense Power. Fan 5 Power. Fan 4 Cooling fans EZ Touch Switches. Reset The presence of the power switch and reset switch on the system Diagnostic DRAM 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. Diagnostic LED. The Diagnostic LED displays POST codes. POST Power On Self.

Tests which is controlled by the BIOS is performed whenever you PCI slots. Power off the PC then unplug the power cord prior to Failure to do so Power Connectors. Use a power supply that complies with the ATX12V Power Supply. Design Guide Version 1.1. An ATX12V power supply unit has a The FDD type power connectors are additional power connectors. If The system board will still work even if the additional power connector is not connected. Ground. The system board requires a minimum of 300 Watt power supply Important. Insufficient power supplied to the system may result in instability or the add-in boards and peripherals not functioning properly. Calculating the system's approximate power usage is important to ensure that the power supply meets the system's Restarting the PC. Normally, you can power off the PC by If for some reasons you need to totally cut off the power supplied Take note though that if you intend to restart it at once, please Due to this reason, we Standby 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 15 The above will ensure protection and prevent damage to the RESET Reset Switch. This switch allows you to reboot without having to power off the SPEAKER Speaker Connector. This connects to the speaker installed in the system chassis. ATX SW ATX Power Switch. Depending on the setting in the BIOS setup, this switch is a "dual When the system's power is on, this LED will light. When the system RAM state, it will blink every second. Note Please make Pin Speaker Power Hardware Installation PCI Express x16. PCI Express x16. PCI Express x16 Smart Connectors. The Smart Connectors USB, IEEE 1394 and Front Panel serve as This is specially advantageous Front Panel Connectors Connect according to the pin definition shown on the smart connector. Switchable Modes for Overclocking. Aimed to provide convenience and superb overclockability, the Genie.

BIOS Setting submenu comes available in Easy mode default mode Easy Mode. Easy mode displays fields commonly used by users. Advance Mode. If you intend to tweak your PC or boost its overclock feature, you Advance mode by simply pressing in the main menu of the. Award BIOS utility then pressing to select Advance Mode. The. Advance mode will display a wide range of fields useful

inAward 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 Quit. Phoenix AwardBIOS CMOS Setup Utility. Standard CMOS FeaturesTime. Wed, Mar 11 2009None. None. NoneNone. Channel 0 Master. Channel 0 Slave. Channel 1 Master. Channel 1 Slave. Channel 2 Master. Channel 2 Slave. Channel 3 Master. Channel 3 Slave. Drive A. Halt On. 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 fromIDE Channel 0 Master to IDE Channel 3 Slave. To configure 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. CapacityHead. Precomp. Landing Zone. SectorDelay For HDD Secs. Full Screen LOGO ShowHDD 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 drivesDelay For HDD Secs. This field is used to select the time that would delay the HDD controller'sFull 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.This field is used to select the boot sequence of the hard drives. Move the cursor to this field then press. Use the Up or. Down arrow keys to select a device then press to move it upPhoenix 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 beAdvanced Chipset Features. Advanced Chipset Features. PCIE Configuration. Memory Hole. Memory Hole Remapping. Auto Optimize Bottom IO. System BIOS CacheableType 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 use toOff. 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'sRTC Alarm Resume. Enabled. Disabled. When Enabled, you can set the date and timePC to poweron in the "Date of Month" andHowever, if the system isDisables the automatic poweron function. default. Date of MonthSelect a date you would like the system to poweron. The system will poweron on the set date, and time setResume Time hhmss. This is used to set the time you would like the system to poweron.

If you want the system to poweron everyday as set in the "DateThis section describes configuring the PCI bus system. It coversPCIEx. Init Display First. Assign IRQ for VGA. Assign IRQ for USB. PCI Latency TimerPer 8CLK. INT Pin 1 Assignment. INT Pin 2 Assignment. INT Pin 3 Assignment. INT Pin 4 Assignment. INT Pin 5 Assignment. INT Pin 6 Assignment. INT Pin 7 Assignment. INT Pin 8 AssignmentEnabled. EnabledAuto. AutoMove. Enter Select. Item Help. Menu Level. Resources Controlled ByPhoenix AwardBIOS CMOS Setup Utility. IRQ ResourcesPhoenix AwardBIOS CMOS Setup Utility. Onboard Devices. Onboard LAN1. Menu LevelF10 Save. Your version may not beOnboard LAN 1. This field is used to enable or disable the onboard LAN.Move the cursor to this field and press, the followingPhoenix AwardBIOS CMOS Setup Utility. DRAM Configuration. MCT Memory Timing. DCTs Mode. CKE Base Power Down Mode. CKE Based Power DownUnganged. Per

Channel. Your version may not be MCT Memory Timing. Refer to the following pages for more information on this submenu. The options are Ganged 128bit and Unganged 64 bit. The options are Enabled and Disabled. CKE Based Power Down. The options are Per Channel and Per CS. MCT Memory Timing. Move the cursor to this field and press, the following Phoenix Award BIOS CMOS Setup Utility. MCT Memory Timing CAS Latency Time. Precharge Delay tRAS. Bank to Bank Cmd TRRD Auto Tweek Performance. Optimal Performance Mode Auto. Enabled F10 Save. Manual. The BIOS will automatically detect all the MCT This option allows you to manually configure the MCT This field is used to configure the 2T mode. CAS Latency Time. This field is used to select the clock cycles for the CAS latency. The options are Auto, Vt16, Vt17, Vt18 and 4 to 15. This field is used to select the idle clocks after issuing a precharge This field is used to select the latency between the DRAM active. The options are 2 and 3. Bank to Bank Cmd TRRD. The options are Auto, 1 to 15. TRFC0 to TRFC3.

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