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**Size:** 1491 KB

**Type:** PDF, ePub, eBook

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## Book Descriptions:

# D6200 Wifi Modem Router Manual

User Manual San Jose, CA 95134 Note This draft is a certification document and Support. Thank you for choosing NETGEAR. After installing your device, locate the serial number on the label of your product and use it to register your product. NETGEAR recommends registering your product through the NETGEAR web site. For product updates and webPhone Other Countries Check the list of phone numbers at Trademarks. Information is subject to change.

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90. Chapter 9 Advanced Settings. Remote Computer Access Basics..... 103. Port Triggering to Open Incoming Ports..... 105. Port Forwarding to Permit External Host Communications..... 106. How Port Forwarding Differs from Port Triggering..... 107. Set Up Port Forwarding to Local Servers..... 107. Edit or Delete a Port Forwarding Entry..... 109. Add or Edit a Manual VPN Policy..... 128. Chapter 10. Troubleshooting. Sequence to Restart Your Network..... 131. Check Ethernet Cable Connections..... 131. Internet or Ethernet Port LEDs Are Off..... 133. The Push N Connect WPS Button Blinks Green..... 133. Restore the Factory Settings and Password..... 138. Troubleshoot Your Network Using the Ping Utility..... 138. Test the LAN Path to Your Router..... 138. Test the Path from Your Computer to a Remote Device..... 139. Appendix A Supplemental Information. Appendix B Notification of Compliance. Index

Get to know your wireless router. The NETGEAR D6200 WiFi Modem Router offers maximum performance wireless speeds of up to 450 Mbps. Complete with a built-in DSL modem, it is compatible with all simultaneous dual-band technology runs both 2.4 GHz and 5 GHz. The unit supports a wide range of premium features and ReadySHARE Cloud. Access and share files on an attached USB hard drive anywhere. ReadySHARE Printer. Wirelessly print from your Mac or Windows computer to a ReadySHARE USB. Wirelessly share a USB hard drive with Macs and PCs. Faster multimedia streaming. Provides up to 450 Mbps wireless speed for streaming. HD videos, simultaneous downloads, and online gaming in addition to basic Internet. Simultaneous dual band. Runs both 2.4

GHz and 5 GHz bands concurrently, ensuring NETGEAR genie. Easy setup and dashboard control to manage, monitor, and repair Ultrafast wired. <http://www.terracell.pt/images/dynex-dsx-manual.xml>

Four Gigabit Ethernet ports deliver ultrafast wired connections for Live Parental Controls. Keeps your Internet experience safe using flexible and Guest network access. Provides separate security and access restrictions for guests Broadband usage meter. Monitors Internet traffic and sends customized reports to help Secured connection. Push N Connect ensures a quick and secure network connection. NETGEAR green features. Compatibility. Compatible with all major ADSL Internet service providers ISPs. Product Specifications. Package Contents. D6200 WiFi Modem Router. Ethernet cable. Phone cable and filter. Power adapter, localized to country of sale. Warranty. Localized to country of sale. System Requirements. Broadband Internet service. ADSL broadband Internet service. Cable or fiber. Connects to cable modem or fiber termination node through the Gigabit. Ethernet WAN port Microsoft Windows 7, Vista, XP, 2000, Me, Mac OS, UNIX, or Linux. Microsoft Internet Explorer 5.0, Firefox 2.0, Safari 1.4, or later. Use with an N600 Wireless Dual Band USB Adapter WNDA3100 for maximum Standards. Two 2 USB 2.0 ports. Performance Powerful dualcore 400 MHz each processor. Highspeed access to external USB storage using two USB 2.0 ports. Memory. 128 MB flash and 128 MB RAM. Five 5 1 WAN, 4 LAN Gigabit Ethernet ports. Advanced Quality of Service QoS. Security. Hardware Setup Double firewall protection SPI and NAT firewall. Denial of service DoS attack prevention. Ease of Use. Easy installation. Connect to computer and open your browser to install. Physical Specifications. Dimensions 205 x 255 x 77 mm 8.07 x 10.04 x 3.03 inches. Weight 654g 1.44 lb. Premium Features. ReadySHARE CLOUD. Access and share a USB hard drive remotely. ReadySHARE PRINTER. Wirelessly access and share a USB printer. Advanced Features. Live Parental Controls with flexible and customizable filter settings. Simultaneous dual band. 2.4 GHz and 5 GHz operation.

Multiple SSID guest networks separate security and access restrictions. Broadband usage meter measures Internet usage. NETGEAR Green Features CEC California Efficiency. RoHS Chapter 3, NETGEAR genie BASIC. Settings, explains how to set up your Internet connection. For more information about the topics covered in this manual, visit the support website at Unpack Your New Router. Hardware Features. Hardware Setup Position Your Wireless Router. ADSL Microfilters. Cable Your D6200 WiFi Modem Router. Verify the Cabling. Hardware Setup Unpack Your New Router. Your box should contain the following items. AC power adapter plug varies by region. Category 5 Cat 5 Ethernet cable. Telephone cable with RJ11 connector. Microfilters and splitters quantity and type vary by region. Installation guide with cabling and router setup instructions. If any of the parts are incorrect, missing, or damaged, contact your NETGEAR dealer. Keep Ethernet cable Telephone cable. Filter splitter. Power adapter. Figure 1. Box contents. Hardware Setup Hardware Features. Before you cable your router, take a moment to become familiar with the label and the front Label. The label on the bottom of the WiFi modem router shows the router's WiFi network name WiFi network name SSID and network key password. Figure 2. Label on router bottom. Hardware Setup Back Panel LAN ports WAN port Figure 3. Back panel port connections. Viewed from left to right, the back panel contains the following elements ADSL line. Note An ADSL port can send data over an ADSL line at one speed and Note You can use either the ADSL or Gigabit Ethernet port for WAN See Factory Settings on page 141 for information about the Restore Factory Settings Hardware Setup Front Panel. The WiFi modem router front panel has the 5 status LEDs, icons, and ports shown in the Power Wireless The following tables describe the LEDs and icons on the front panel from left to right. Hardware Setup Icon. LED Activity. Description. Solid green. Power is supplied to the router.

<http://stroyzona.com.ua/companynews/electrolux-ern29600-fridge-freezer-manual>

Solid red. POST power on self test failure or a device malfunction occurred. Off. Power is not supplied to the router. Restore Factory. Settings. LED blinks momentarily when the Restore Factory Settings

button on the The Power LED then blinks red Table 2. DSL LED. Icon. You have an ADSL connection. In technical terms, the ADSL port is Blinking green. Indicates that the WiFi modem router is negotiating the best possible Off. The unit is off or has no ADSL connection. Table 3. Internet LED. You have an Internet connection. If this connection is dropped due to an Internet connection is dropped for any other reason, the LED turns off. The Internet IP connection failed. See Cannot Access the Internet on Blinking green. Data is being transmitted over the Internet connection. No Internet connection is detected or the device is in bridge mode an Hardware Setup Table 4. Wireless LED. Solid blue. There is wireless connectivity. Blinking blue. Data is being transmitted or received over a wireless link or a. WPS capable device is connecting to the device. There is no wireless connectivity. You can still plug an Ethernet cable into Table 5. USB LED. A USB port detected a USB device. Data is being transmitted or received. No link is detected on these ports. Hardware Setup Side Panel. The WiFi modem router side panel has the port and buttons shown in the figure. Figure 5. Side panel buttons and port. The following tables describe the buttons and port on the side panel from top to bottom. Table 6. Wireless button. For information about the use of this button, see Wireless Connectivity on page 137. Table 7. WPS button. For information about the use of this button, see WiFi Protected Setup WPS Method on Hardware Setup Position Your Wireless Router.

<https://conform-edit.com/images/cardiette-ar1200-manual.pdf>

The WiFi modem router lets you access your network from anywhere within the operating However, the operating distance or range of your wireless Near the center of the area where your computers and other devices operate and So it is accessible to an AC power outlet and near Ethernet cables for wired computers. In an elevated location such as a high shelf, keeping the number of walls and ceilings Away from electrical devices that are potential sources of interference, such as ceiling Away from any large metal surfaces, such as a solid metal door or aluminum studs. Large Note The D6200 should be put in a vertical position only. Also be aware that when you use multiple access points, it is better if adjacent access points The recommended channel ADSL Microfilters. If this installation is the first time you have cabled a wireless router between an ADSL phone If you are, An ADSL microfilter is a small inline device that filters ADSL interference out of standard Every telephone device that Example devices are telephones, fax machines, answering Not every phone line in your home necessarily carries. ADSL service. That depends on the ADSL service setup in your home. Hardware Setup Note Often the ADSL microfilter is included in the box with the wireless One Line ADSL Microfilter Not Included. Plug the ADSL microfilter into the wall outlet and plug your phone equipment into the jack If you do not Plugs into ADSL line. Figure 6. Oneline ADSL microfilter. Second best when you do not have a separate ADSL line for the router is to get a separate Two Line ADSL Microfilter Included. Use an ADSL microfilter with a builtin splitter when there is a single wall outlet that provides Plug the ADSL Plugs into the ADSL line. Figure 7. Twoline ADSL microfilter with builtin splitter. Summary. Oneline ADSL microfilter not included. Use with a phone or fax machine. Splitter not included.

<http://connect-log.com/images/cardigan-lucrat-manual.pdf>

Use with a oneline ADSL microfilter to share an outlet with a Hardware Setup Twoline ADSL microfilter with builtin splitter included. Use to share an outlet with a Cable Your D6200 WiFi Modem Router Be sure that your equipment is The unit should not The installation guide that came in the box has a cabling diagram on the second page. Figure 8. Cabling diagram Hardware Setup Verify the Cabling. Verify that your router is cabled correctly by checking the WiFi modem router LEDs. Turn on. The Power LED is green when the modem router is turned on. The Wireless LED is lit when the modem router is turned on. The DSL LED is green when you have an ADSL connection. The Internet LED is green when an Internet connection exists. Turn on your computer. If software usually logs you in to your Internet connection, do not run Hardware Setup Con n e c t to the Wi Fi m o d e m router. This chapter explains how to use NETGEAR genie to set up your WiFi modem router

after youThis chapter contains the following sections. Prepare to Set Up the WiFi Modem Router. Types of Logins and Access. NETGEAR genie Setup. Use NETGEAR genie after Installation. Upgrade WiFi Modem Router Firmware. WiFi Modem Router Dashboard BASIC Home Screen. Add Wireless Devices or Computers to Your NetworkPrepare to Set Up the WiFi Modem Router. You can set up your WiFi modem router with the NETGEAR genie automatically, or you canIf you set up your computer to use a static IP address, you need to change the settings soGather ISP Information. If you have DSL broadband service, you might need the following information to set up your. WiFi modem router and to check that your Internet configuration is correct. Your InternetInternet connection is working, you no longer need to launch the ISP login program on yourWhen you start an Internet application, your WiFi modemThe ISP configuration information for your DSL account. ISP login name and password. Fixed or static IP address settings special deployment by ISP; this situation is rare.

Wireless Devices and Security Settings. Make sure that the wireless device or computer that you are using supports WPA or WPA2Basic Wireless Settings on page 35 for information about the WiFi modem router'sTypes of Logins and Access. Different types of logins have different purposes. It is important that you understand theWireless modem router login logs you in to the WiFi modem router interface from. NETGEAR genie. See Use NETGEAR genie after Installation on page 25 for detailsGet Started with NETGEAR genieWireless network key or password. Your WiFi modem router is preset with a uniqueThis information is onISP login logs you in to your Internet service. Your service provider provided you with thisIf you cannot find this login information,NETGEAR genie Setup. NETGEAR genie runs on any device with a web browser. It is the easiest way to set up the. WiFi modem router because it automates many of the steps and verifies that those stepsIt takes about 15 minutes to complete.WiFi modem router, the browser automatically goes to, andIf you already used the NETGEAR genie, type in theNETGEAR genie after Installation on page 25.NETGEAR genieMake sure that the computer is connected to one of the 4 Gigabit Ethernet LAN ports, orMake sure that the WiFi modem router is ready. Its Wireless LEDs should light. Close and reopen the browser to make sure that the browser does not cache the previousBrowse to. If your computer is set to a static or fixed IP address this situation is uncommon, changeIf the WiFi modem router does not connect to the InternetIf problems persist, register your NETGEAR product andGet Started with NETGEAR genieUse NETGEAR genie after Installation. When you first set up your WiFi modem router, NETGEAR genie automatically starts whenYou can use NETGEAR genie again if you want to view or change settings for the WiFiA login window displays.Note The WiFi modem router user name and password are different fromUpgrade WiFi Modem Router Firmware.

When you set up your WiFi modem router and are connected to the Internet, the WiFiIf it is, aSee Upgrade the WiFi Modem Router. Firmware on page 85 for more information about upgrading firmware. Click the message when it shows up, and click Yes to upgrade the WiFi modem router withGet Started with NETGEAR genieWiFi Modem Router Dashboard BASIC Home Screen. The WiFi modem router BASIC Home screen has a dashboard that lets you see the status ofYou can click any of the six sections of theMenus are on the left, and the Advanced tabLanguage. Menus Click the Advanced tab to view more. Help. Dashboard Click to view details. Figure 9. Wireless modem router BASIC Home screen with dashboard, language, and onlineHome. This dashboard screen displays when you log in to the WiFi modem router. Internet. Set, update, and check the ISP settings of your WiFi modem router. Wireless. View or change the wireless settings for your WiFi modem router. Attached Devices. View the devices connected to your network. Parental Controls. Download and set up parental controls to prevent objectionableGet Started with NETGEAR genieReadySHARE. If you connected a USB storage device to the WiFi modem router, then itGuest Network. Set up a guest network to allow visitors to use your WiFi modem router's. Internet connection. Advanced tab. Set the WiFi modem router up for unique situations such as when remoteSee Chapter 9, Advanced. Settings. Using this tab requires a solid understanding of networking concepts.Add Wireless Devices

or Computers to Your Network. Choose either the manual or the WPS method to add wireless devices and other equipment. See Guest Networks on page 38 for instructions for how to set up a Manual Method. If you did not change the name of your network during the default, SSID is on the product label on the bottom of the WiFi modem router. The default WiFi modem router WiFi Protected Setup WPS Method.

WiFi Protected Setup WPS is a standard for easily adding computers and other devices to To use WPS, make sure that all wireless devices During the connection If your wireless device supports WPS Push N Connect, use the following procedure. The device is now connected to your WiFi modem. Get Started with NETGEAR genie. Get Started with NETGEAR genie. You r I n t e r n e t c o n n e c t i o n a n d n e t w o r k. This chapter explains the features available from the NETGEAR genie BASIC Home screen. This chapter contains the following sections. Internet Basic Settings. Attached Devices. Parental Controls. ReadySHARE USB Storage and Printer. Basic Wireless Settings. Guest Networks. NETGEAR genie App. Internet Basic Settings. The Internet Basic Settings screen is where you view or change ISP information. The following screen displays The fields that display in the Internet Basic Settings screen depend on whether your Internet connection requires a login. Yes. Select the encapsulation method and enter the login name. If you want to No. Enter the account and domain names, only if needed. The default settings usually work fine. If you have problems with your connection, check the ISP settings. If the NETGEAR website does not display within Internet Basic Settings Screen Fields. The following descriptions explain all of the possible fields in the Internet Basic Settings Does Your ISP Require a Login. Answer either yes or no. These fields display when no login is required. Account Name If Required. Enter the account name provided by your ISP. This name NETGEAR genie BASIC Settings Domain Name If required. Enter the domain name provided by your ISP. These fields display when your ISP requires a login. Internet Service Provider Encapsulation. ISP types. The choices are PPPoE or PPPoA. Login. The login name provided by your ISP. This name is often an email address. Password. The password that you use to log in to your ISP. Idle Timeout In minutes.

If you want to change the login timeout, enter a new value in Entering a value of 0 zero Internet IP Address. Get Dynamically from ISP. Your ISP uses DHCP to assign your IP address. Your ISP Use Static IP Address. Enter the IP address, IP subnet mask, and the gateway IP The gateway is the ISP WiFi modem router to which Domain Name Server DNS Address. The DNS server is used to look up site addresses Get Automatically from ISP. Your ISP uses DHCP to assign your DNS servers. Your ISP Use These DNS Servers. If you know that your ISP does not automatically transmit DNS If a secondary DNS server address is available, WiFi Modem Router MAC Address. The Ethernet MAC address used by the WiFi modem Some ISPs register the MAC address of the network interface They then accept traffic only from This feature allows your WiFi modem router to use your Use Default Address. Use the default MAC address. Use Computer MAC Address. The WiFi modem router captures and use the MAC You have to use the one computer that Use This MAC Address. Enter the MAC address that you want to use. NETGEAR genie BASIC Settings Attached Devices. You can view all computers or devices that are currently connected to your network here. From the Basic Home screen, select Attached Devices to display the following screen. Wired devices are connected to the WiFi modem router with Ethernet cables. Wireless IP Address. The IP address that the WiFi modem router assigned to this device when it Device Name. If the device name is known, it is shown here. MAC Address. The unique MAC address for each device does not change. The MAC You can click Refresh to update this screen. NETGEAR genie BASIC Settings Parental Controls. The first time you select Parental Controls from the BASIC Home screen, you are The following screen displays. NETGEAR genie BASIC Settings ReadySHARE USB Storage and Printer. You can view information about a USB storage device that is connected to the WiFi modem USB Storage Basic Settings.

From the Basic Home screen, select ReadySHARE to display the USB Storage Basic. Settings screen.

This screen displays the following when Basic is selected. This name is the name used to Available Network Folders. The folders on the USB device. You can click the name shown, or you can type it in the address field of your web browser. If Not Shared is shown, the default share was deleted and no other share for the root Read Access and Write Access. Show the permissions and access controls on the. The password for By default, it is Folder Name. Full path used by the network folder. Volume Name. Volume name from the storage device either USB drive or HDD. NETGEAR genie BASIC Settings Total Space and Free Space. Show the current utilization of the storage device. Edit. Click the Edit button to edit the Available Network Folders settings. Safely Remove a USB Device. Click to safely remove the USB device attached to your. WiFi modem router. You can click Refresh to update this screen. For more information about USB storage, see Chapter 5, USB Storage.

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