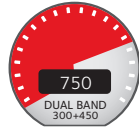




Performance & Use

N750



- Built-in ADSL2+ Modem
- Faster WiFi speed 300+450—Up to 750 Mbps[†]
- Wirelessly access & share USB hard drive & printer
- Ethernet WAN—Future-proof your network

The NETGEAR Difference - DGND4000

- Faster WiFi—Now up to 750 Mbps[†]
- Access & share USB hard drive & printer

Overview

The NETGEAR N750 WiFi DSL Modem Router—Premium Edition has a built-in ADSL2+ modem for use with a DSL, cable or fiber Internet service. This modem router delivers high-performance wireless speeds of up to 300 + 450 and is the ideal router for large homes. The DGND4000 with built-in modem delivers the speed and reliability needed for applications such as HD video streaming, multi-player gaming and a secure and reliable connection to the Internet. Simultaneous dual band reduces interference that can cause dropped connections. With four Gigabit Ethernet ports, the DGND4000 delivers fast wired connections and includes advanced features such as DLNA—ready for playing your media on DLNA TVs and game consoles, sharing a USB hard drive remotely, ReadySHARE® Printer for wireless access and sharing a USB printer and NETGEAR genie® home network manager for easy installation and home network management.



NETGEAR genie® Home Networking Simplified

- Home network manager
- Makes any printer AirPrint® compatible to print from an iPad® or iPhone®
- MyMedia™—Find & play media files in your network
- EZ Mobile connect—Scan QR code to connect to your home network
- For PC, Mac®, iPhone®, iPad®, & Android™ devices



Speed

Speed makes video streaming better. Speed makes online gaming more fun. Speed makes all your devices really go. And anyplace you need speed, with NETGEAR you got it. Fast download speeds up to 750 Mbps. WiFi with dual band technology providing whole home coverage. Everything you need for a fast connected home.

Best WiFi Speed



FASTER WIFI—Up to 300+450 Mbps†



GIGABIT WIRED—Ideal for HD gaming & video



CABLE OR FIBER—Also connects to cable modem via Gigabit Ethernet WAN port

WiFi Range

Homes come in all shapes and sizes. The NETGEAR N750 WiFi DSL Modem Router provides WiFi connectivity throughout your home for all your Internet-enabled devices.

Best WiFi Range



RANGE—For large homes

Sharing

Relive memories and share them with others. Find photos, videos and music stored on a shared USB hard drive and enjoy them on your DLNA TV right from your couch. If it's secure and shared storage access you want NETGEAR has easy ways to do it.

Share & stream your movies, music, photos



DLNA®—Find & play your media on DLNA TVs & game consoles



READYSHARE® USB ACCESS—Wirelessly access & share USB hard drives



READYSHARE® PRINTER—Wirelessly access & share a USB printer



TIME MACHINE® COMPATIBLE— Automatic Mac backup to connected USB hard drive, wirelessly

Reliable Connections

Stay connected—with your devices, your media, and your friends. Simultaneous Dual Band WiFi provides two separate WiFi networks—2.4GHz for legacy devices and 5GHz which is less interference-prone for media streaming. The advanced QoS technology provides higher priority for media streaming application for smoother HD video streaming and low-latency online gaming.

Enjoy high-performance connectivity throughout your home



SIMULTANEOUS DUAL BAND—Reduces interference for better connections to more WiFi devices



ADVANCED QoS—Optimized for smooth HD streaming & gaming

Ease Of Use

NETGEAR makes it easy to do more with your digital devices. Manage your network with NETGEAR genie® App—a personal, icon-based dashboard that can control and monitor all your devices. Or, use Push 'N' Connect to add devices to your WiFi network with a push of a button. And the simple browser-based installation with no CD makes router installation easy using an iPad, tablet, smartphone, or computer.

Simple network management



EASY INSTALL—Easy setup for iPad®, tablets, smartphones & computers



NETGEAR GENIE® APP—Personal dashboard to monitor, control & repair your home network



PUSH 'N' CONNECT—Easy push button WiFi connections (WPS)



WiFi & POWER ON/OFF—Convenient power savings

Security

Keep your Internet browsing experience safe and secure with the free parental controls. It allows you to limit access to certain web sites at certain times. For example no social networking or gaming site access after dinner time. Guest networks create a completely separate WiFi network for your guests' devices so they do not have access to your home network or to the shared USB hard drive with all your personal data. Secure WiFi connections offer high level WPA/WPA2 security.

Safeguard your network



PARENTAL CONTROLS—Safer web surfing for all your connected devices



GUEST NETWORK ACCESS—Separate & secure access for guests



SECURE WiFi CONNECTIONS—High level wireless security with WPA/WPA2

Applications

With the N750 WiFi DSL Modem Router, create a powerful home network for applications such as streaming HD video and multi-player gaming, fast, reliable connection to the Internet and a secure wireless connections.

Ideal Uses



EMAIL, CHAT, SURF, MUSIC, VIDEO—Enjoy a fast, reliable and secure wireless connection to the Internet



ONLINE GAMING—Optimized for multi-player gaming with no lags



HD STREAMING—Enjoy high-quality HD streaming



MULTIPLE HD STREAMING—Optimized for a smooth, lag-free multiple HD streaming experience

Connection Diagram



PACKAGE CONTENTS

- N750 WiFi DSL Modem Router—Premium Edition (DGND4000)
- Stand
- Ethernet cable
- Power adapter
- Quick install guide

PHYSICAL SPECIFICATIONS

- Dimensions: 223 x 153 x 31 mm (8.78 x 6.02 x 1.22 in)
- Weight: 0.5 kg (1.10 lbs)

WARRANTY

- For warranty details visit www.netgear.com/about/warranty

SUPPORT

- 24/7 basic technical phone support provided for 90 days from date of purchase

TECHNICAL SPECIFICATIONS

- High-speed ADSL2+ modem built-in
- Simultaneous Dual Band WiFi—2.4 & 5GHz
- Memory: 128 MB flash and 128 MB RAM
- Five (5) (1 WAN, 4 LAN) Gigabit Ethernet ports
- Supports Wireless Multimedia (WMM) based QoS

STANDARDS

- Two (2) USB 2.0 ports
- One (1) ADSL2+ port
- IEEE® 802.11 b/g/n 2.4GHz
- IEEE® 802.11 a/n 5GHz
- Five (5) 10/100/1000 (1 WAN and 4 LAN) Gigabit Ethernet ports with Auto-sensing technology
- IPv6 Support (Internet Protocol Version 6)

SYSTEM REQUIREMENTS

- Broadband Internet service
 - ADSL broadband Internet service
 - Cable or Fiber: Connects to cable modem via Gigabit Ethernet WAN port
- 2.4 or 5GHz 802.11 a/b/g/n specification wireless adapter or Ethernet adapter and cable for each computer
- Microsoft® Windows® 7, 8, Vista®, XP, 2000, Mac® OS, UNIX®, or Linux®
- Microsoft® Internet Explorer® 5.0, Firefox® 2.0 or Safari® 1.4 or higher
- Use with an N600 Wireless Dual Band USB Adapter (WNDA3100) for maximum performance

SECURITY

- WiFi Protected Access® (WPA/WPA2—PSK)
- Double firewall protection (SPI and NAT firewall)
- Denial-of-service (DoS) attack prevention



This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller.

*24/7 basic technical phone support provided for 90 days from date of purchase.

†Maximum wireless signal rate derived from IEEE standard 802.11 specifications. Actual data throughput and wireless coverage will vary. Network conditions and environmental factors, including volume of network traffic, interference, and building construction may lower actual data throughput and wireless coverage. NETGEAR makes no express or implied representations or warranties about this product's compatibility with any future standards.

©2016 NETGEAR, Inc. NETGEAR, the NETGEAR Logo, ReadySHARE, and NETGEAR genie, are trademarks of NETGEAR, Inc. Any other trademarks on this package are for reference purposes only.