NETGEAR®

N750 Wireless Dual Band Gigabit DSL Modem Router–Premium Edition
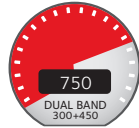
Performance & Use

N750

750
DUAL BAND
300+450

RANGE

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

The NETGEAR Difference – DGND4000

- Faster WiFi—Now up to 750 Mbps†
- Access & share USB hard drive & printer
- ReadySHARE® Cloud—Remote USB access

Overview

The NETGEAR N750 Wireless Dual Band 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, ReadySHARE® Cloud for wireless access and 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

GET IT ON
Google play

Available on the
App Store

NETGEAR®

N750 Wireless Dual Band Gigabit DSL Modem Router—Premium Edition

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 Wireless Dual Band Gigabit 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

READYSHARE® CLOUD— Access & share files on a USB hard drive remotely

Reliable Connections

Stay connected—with your devices, your media, and your friends. Simultaneous Dual Band WiFi provides two separate WiFi networks—2.4 GHz for legacy devices and 5 GHz 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

N750 Wireless Dual Band Gigabit DSL Modem Router—Premium Edition

Ease Of Use

NETGEAR makes it easy to do more with your digital devices. Manage your network with 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, ensuring 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 the highest level of 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—Highest level wireless security with WPA/WPA2

Applications

With the N750 Wireless Dual Band Gigabit 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

NETGEAR®

N750 Wireless Dual Band Gigabit DSL Modem Router—Premium Edition

Connection Diagram

ADSL2+ port

Push 'N' Connect
with WPS
(front of product)

WiFi On/Off
(front of product)

USB 2.0 port
(front of product)

USB 2.0 Port

Gigabit wired for
desktop PCs and
notebooks

Gigabit Ethernet
connects to Cable
or Fiber Modem

PACKAGE CONTENTS

- N750 Wireless Dual Band Gigabit 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 lb)

WARRANTY

- Warranty localized to country of sale

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 & 5 GHz
- 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 2.4 GHz
- IEEE® 802.11 a/n 5.0 GHz
- 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 5.0 GHz 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

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