



# N600 Wireless Dual Band Gigabit ADSL2+ Modem Router

DGND3700



## CHOOSE THE MODEM ROUTER THAT'S RIGHT FOR YOU

Product	Speed	Range	Surf, email, and chat	Wireless printing	Simultaneous downloads, voice, and music	Online gaming	Larger home or multiple floors	HD video streaming	Avoids interference
Simple Sharing N150	Up to 150 Mbps <sup>1</sup>	Good	✓	✓					
Work and Play N300	Up to 300 Mbps <sup>1</sup>	Better	✓	✓	✓	✓			
<b>High Performance N300</b>	<b>Up to 300 + 300 Mbps<sup>2</sup></b>	<b>Best</b>	✓	✓	✓	✓	✓	✓	✓

For DSL, cable or fiber Internet service

Simultaneous Dual Band avoids interference

ReadySHARE® USB and DLNA® compatible media server

Access USB printer wirelessly

### THE NETGEAR DIFFERENCE - DGND3700

- ✓ Powerful Dual-Core processor
- ✓ Share USB storage and printer
- ✓ Live Parental Controls—Free!
- ✓ Guest network access
- ✓ CD-less browser based installation

### THE ULTIMATE HOME GATEWAY

- ✓ Use with ADSL2+ modem (built-in) or cable/fiber modem (through Gigabit Ethernet)
- ✓ DLNA® compatible—Stream videos, photos, and music to your HDTV
- ✓ Gigabit—Fast wired connections for gaming and video
- ✓ Simultaneous Dual Band—Avoid interference for streaming media and online gaming
- ✓ NETGEAR Genie®—Easy dashboard control to manage, monitor, and repair home networks
- ✓ ReadySHARE® Printer—Wirelessly print from your Mac® Computer or PC to a connected USB printer

## PRODUCT OVERVIEW

The NETGEAR N600 Wireless Dual Band Gigabit ADSL2+ Modem Router is the Ultimate Integrated DSL Networking Gateway. It offers concurrent dual band technology which avoids interference and ensures top speeds and the greatest range for demanding applications, such as streaming HD video and multiplayer gaming. Key features include ReadySHARE® USB and DLNA® compatible media server, as well as wireless access from your computer to USB printers.

- **All-in-one**—Built-in ADSL2+ modem and WAN gigabit Ethernet port for cable/fiber combined with a wireless router create the Ultimate Integrated Home Gateway
- **Concurrent dual band**—Ensuring top speeds and the greatest range while minimizing interference
- **Faster multimedia streaming**—Wireless-N speed and DLNA® compatible for streaming HD videos, simultaneous downloads, and online gaming in addition to basic Internet applications
- **Compatibility**—Compatible with all major DSL Internet service providers (ISPs)
- **Shared storage**—Two (2) ports for ReadySHARE® USB Storage Access provides fast and easy shared access to an external USB storage device
- **NETGEAR Genie®**—Easy dashboard control to manage, monitor, and repair home networks
- **ReadySHARE® Printer**—Wirelessly print from your Mac® Computer or PC to a connected USB printer
- **Live Parental Controls**—Keeps your Internet experience safe
- **Guest network access**—Provides separate security and access restrictions for guests using the network
- **Secured connection**—Push 'N' Connect ensures a quick and secure network connection
- **Broadband usage meter**—Monitors Internet traffic and sends customized reports to help keep costs under control

High Performance



**Package Contents**

- N600 Wireless Dual Band Gigabit ADSL2+ Modem Router (DGND3700v2)
- Installation guide
- Ethernet cable
- Phone cable and filter
- Power adapter, localized to country of sale

**Warranty**

- NETGEAR 1-year warranty

**System Requirements**

- Broadband Internet service
  - ADSL Broadband Internet Service
  - Cable or Fiber: Connects to cable modem via Gigabit Ethernet WAN port
- 802.11 a/b/g/n 2.4 or 5.0 GHz specification wireless adapter or an Ethernet adapter and cable for each computer
- Microsoft® Windows 7®, Vista®, XP®, 2000, Me®, 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) or laptop with dual band WiFi

**Standards**

- 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
- Two (2) USB 2.0 ports
- One (1) ADSL2+ port

**Performance**

- All-in-one—High Speed ADSL2+ Modem (built-in) and WAN Gigabit Ethernet port for cable/fiber
- Powerful Dual Core (400 MHz each) processor
- High speed access to external USB storage using 2 USB 2.0 ports
- Five (5) (1 WAN, 4 LAN) Gigabit Ethernet ports
- Advanced Quality of Service (QoS)

**Security**

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

**Ease of Use**

- NETGEAR Genie®—CD-less browser-based installation
- Push 'N' Connect using Wi-Fi Protected Setup® (WPS)<sup>†</sup>







**Physical Specifications**

- Dimensions: 223 x 153 x 31 mm (8.8 x 6.0 x 1.2 in)
- Weight: 0.5 kg (1.2 lb)

**Advanced Features**

- NETGEAR Genie®—Easy dashboard control to manage, monitor, and repair home networks
- Live Parental Controls with flexible and customizable filter settings
- Simultaneous Dual Band—Runs both 2.4 and 5 GHz bands simultaneously
- ReadySHARE® Printer—Wirelessly print from your Mac® Computer or PC to a connected USB printer
- Two (2) ports for ReadySHARE® USB Storage Access—Wirelessly share a USB drive with Mac® computers and PCs
- DLNA® compatible—Stream media to DLNA HDTVs, Blu-ray™ players and game consoles
- Multiple SSID guest networks (separate security and access restrictions)
- Broadband usage meter measures Internet usage
- Power and Wi-Fi on/off buttons

**NETGEAR Green Features**

-  Power On/Off Button
-  Wi-Fi On/Off Button
-  80% Recycled Packaging
-  CEC (California Efficiency)
-  RoHS
-  WEEE



# NETGEAR®

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**24/7 TECHNICAL SUPPORT\***

\*Basic technical support free for 90 days only

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This product is packaged with a limited warranty, the acceptance of which is a condition of sale. This product has been tested for quality assurance and this product or its components may have been recycled.

\*Basic technical support provided for 90 days from date of purchase.

<sup>†</sup>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, building materials and construction, and network overhead, lower actual data throughput rate and wireless coverage. NETGEAR makes no express or implied representations or warranties about this product's compatibility with any future standards.

<sup>1</sup>Works with devices supporting Wi-Fi Protected Setup® (WPS).

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