

### Performance & Use

#### AC1900



- Extreme combined WiFi speed—Up to 1900 Mbps†
- 1GHz dual-core processor
- Fast VDSL/ADSL modem for fibre broadband
- Compatible with VDSL, VDSL2, ADSL, ADSL2, & ADSL2+
- Now with NETGEAR genie® with remote access

### The NETGEAR Difference - D7000

- Beamforming+—Faster, more reliable connections
- High-powered amplifiers & antennas to extend your WiFi coverage
- Twice the USB storage access & faster connections using two USB 3.0 ports
- Gigabit Ethernet WAN port provides universal compatibility with any Internet service
- NETGEAR genie App®—Easily manage, monitor, & control your home network from PC, tablet, or smartphone

### WIFI VDSL2/ADSL MODEM ROUTER

- Two-in-One—DSL Modem + AC1900 WiFi Router
- Auto Detection for Universal DSL Support
- Compatible with VDSL, VDSL2, ADSL, ADSL2, & ADSL2+
- Gigabit Ethernet WAN port provides universal compatibility with any Internet service

### STREAMING & GAMING

- Extreme combined WiFi speed—Up to 1900 Mbps†
- Dual-core 1GHz processor boosts performance for gaming & streaming
- Uninterrupted video streaming with advanced QoS
- Implicit & Explicit Beamforming for whole home HD coverage across all your devices
- Find & play stored media on TVs & game consoles via DLNA® server
- Secure remote access to your home network via VPN

### MOBILE

- Beamforming+ boosts speed & range for new and legacy mobile devices
- Amplifiers & external antennas increase range for mobile devices throughout your home
- Print from an iPad® or iPhone®—NETGEAR genie® makes any printer AirPrint® compatible
- EZ Mobile Connect—Scan QR code on your smartphone to connect to your home network
- NETGEAR genie® provides device-level parental controls



### Speed

Get the fastest WiFi currently available & enjoy a blazing-fast, lag-free WiFi experience for gaming, video streaming or surfing.



WORLD'S FASTEST WIFI—Up to 600+1300 Mbps<sup>†</sup>



GIGABIT WIFI—Next-generation WiFi now at Gigabit speeds



GIGABIT WIRED—Ideal for HD gaming & video



DUAL-CORE PROCESSOR—Dual-core 1GHz processor boosts wireless, wired & WAN-to-LAN performance



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



VDSL MODEM—Compatible with VDSL, VDSL2, ADSL, ADSL2, & ADSL2+

### WiFi Range

Got range? Homes come in all shapes and sizes and the Nighthawk AC1900 WiFi VDSL/ADSL Modem Router provides WiFi coverage no matter where you connect in your home.



ULTIMATE RANGE—WiFi coverage throughout very large homes



ANTENNAS—High-powered amplifiers with 3 external antennas

### Sharing

With NETGEAR, sharing across your network is fun and easy, anything from accessing stored photos & music to wireless printing. And make sure you keep it safe by using the included ReadySHARE Vault application for backing up Windows-based PCs.



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



READYSHARE® USB ACCESS—Wirelessly access & share USB hard drive & printer via two (2) USB ports



TWO SUPERSPEED USB 3.0 PORTS—Up to 10x faster than USB 2.0



READYSHARE PRINTER—Wirelessly access & share a USB printer

### Reliable Connections

There's nothing more frustrating than lost connections! With NETGEAR's advanced features & best-in-class technology, you'll reduce interference & enjoy more reliable WiFi connectivity.



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



**ADVANCED QoS**—Downstream & upstream QoS automatically recognizes & prioritizes streaming & gaming applications



**BEAMFORMING+**—Boosts speed, reliability, & range of WiFi connections for 2.4 & 5GHz

### Ease Of Use

Start enjoying your new device faster than ever. NETGEAR wants to make sure installation and management is simple & easy, so you can connect quickly & make sure you stay that way!



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



**NETGEAR GENIE® APP**—Personal dashboard to monitor, control & repair your home network. Now includes remote access to manage your network away from home.



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



**WIFI & POWER ON/OFF**—Convenient power savings

### Security

Maintain the highest security across your network to ensure your privacy & family is safe while online. Whether it's preventing phishing & spyware or just limiting access for kids & guests, NETGEAR has you covered.



**VPN SUPPORT**—Secure access to your home network



**PARENTAL CONTROLS**—Web site filtering for all your connected devices



**GUEST NETWORK ACCESS**—Separate & secure access for guests



**SECURE WIFI CONNECTIONS**—Highest level wireless security with WPA/WPA2



**PERSONAL FTP SERVER**—Customized free URL to create FTP server

### BEAMFORMING+



For more  
reliable connections.

### BEAMFORMING+—FOR MORE RELIABLE CONNECTIONS

Unlike typical Wi-Fi routers that just blast the Wi-Fi signals in all directions, with Beamforming+ the router & device communicate with each other, so the router can directly beam the Wi-Fi signal to the device. The result is a stronger, faster, more reliable connection that is locked in even when the device is moved around the home.

- Focuses WiFi signals from the wireless router to WiFi devices like smartphones, tablets & laptops
- Automatic signal management checks with your device to keep WiFi signal at its optimal strength
- Designed for home environments to support multiple WiFi device connections for highest quality
- Extends WiFi coverage, reduces deadpots, & boosts signal strength
- Implicit & Explicit Beamforming boosts speed, reliability & range for both 2.4 & 5GHz WiFi devices—an industry first

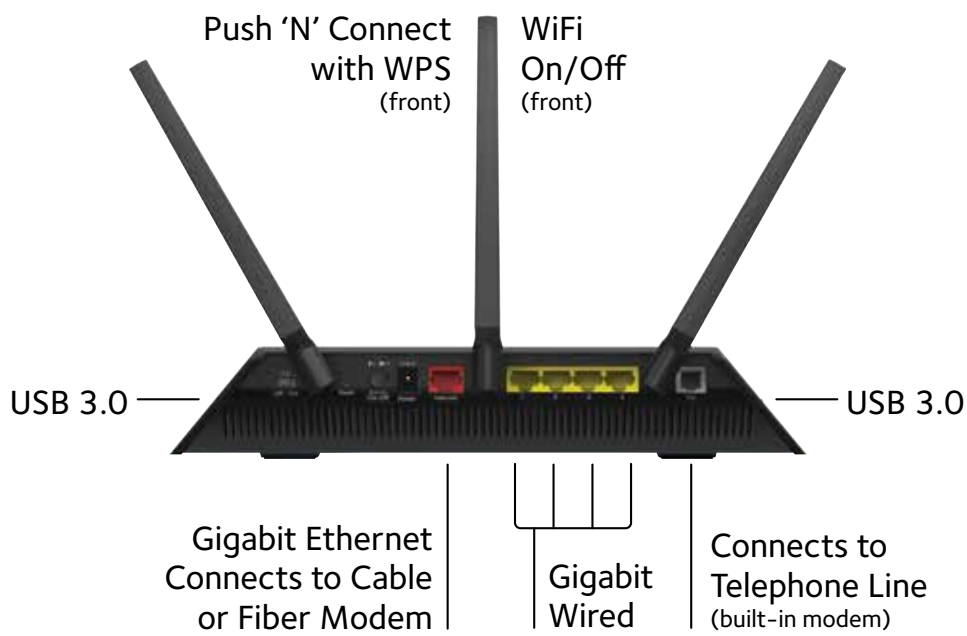


### NETGEAR genie®—HOME NETWORKING SIMPLIFIED

NETGEAR genie makes getting the most out of your home network fun & easy. Installation is almost effortless – just by opening a browser, genie helps you setup your NETGEAR WiFi Router & connect all of your WiFi devices. Genie also allows you to easily monitor, connect & control your home network from a PC, Mac, tablet or smartphone. With NETGEAR genie you can share & stream music or videos, diagnose & repair network issues, set up parental controls & more.

- Home network manager
- Network Map—Real-time map of all the connected devices on your network
- 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
- Turbo Transfer—Quickly transfer files within your home network across various devices 40% faster than normal file transfers
- For PC, Mac®, iPhone®, iPad®, & Android™ devices
- Now with remote access to manage your network away from home. View the network map, block WiFi devices, set up guest WiFi & manage Parental Controls—anytime, anywhere.

Connection Diagram



## Nighthawk AC1900 WiFi VDSL/ADSL Modem Router

Data Sheet

D7000

### PACKAGE CONTENTS

- Nighthawk AC1900 WiFi VDSL/ADSL Modem Router (D7000)
- Ethernet cable
- Phone cable
- DSL filter
- Quick start guide
- Power adapter, localized to country of sale

### PHYSICAL SPECIFICATIONS

- Dimensions: 11.22 x 7.26 x 1.97 in (285 x 185 x 50 mm)
- Weight: 1.65 lb (750 g)

### STANDARDS

- Two (2) USB 3.0 ports
- One (1) VDSL/ADSL port
- IEEE® 802.11 b/g/n 2.4GHz + 256 QAM support
- IEEE® 802.11 a/n/ac 5.0GHz
- Five (5) 10/100/1000 Mbps—(1 WAN & 4 LAN) Gigabit Ethernet ports

### TECHNICAL SPECIFICATIONS

- High-speed VDSL2/ADSL2+ modem built-in
- Simultaneous Dual Band WiFi—Tx/Rx 3x3 (2.4GHz) + 3x3 (5GHz)
- Implicit & explicit Beamforming
- Powerful dual-core 1GHz processor
- WiFi Boost with high-powered radio amplifiers
- Memory: 128 MB flash and 256 MB RAM
- Advanced Quality of Service (QoS)
- ReadySHARE® USB—Share your USB hard drive and printer
- ReadySHARE Vault—Software for automatic PC backup to USB hard drive connected to the router
- IPv6 Support (Internet Protocol Version 6)
- Push 'N' Connect—Easy push button WiFi connections (WPS)
- Turn LED lights on/off through router settings

### SUPPORT

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

### BROADBAND INTERNET SERVICE

- VDSL/ADSL broadband Internet service
- Gigabit Ethernet WAN provides broadband connectivity options to cable, DSL or fibre modems

### SYSTEM REQUIREMENTS

- Microsoft® Windows 7, 8, Vista®, XP®, 2000, Mac OS®, UNIX®, or Linux®
- Microsoft® Internet Explorer® 5.0, Firefox® 2.0, Safari® 1.4, or Google Chrome™ 11.0 browsers or higher

### SECURITY

- Customized free URL to set up personal FTP server
- VPN support—secure remote access
- Guest network access—separate & secure
- WiFi Protected Access® (WPA/WPA2—PSK)
- Double firewall protection (SPI and NAT)
- Denial-of-service (DoS) attack prevention

### WARRANTY

- [www.netgear.com/about/warranty/](http://www.netgear.com/about/warranty/)



SCAN TO LEARN MORE



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 purchase date.

† Maximum wireless signal rate derived from IEEE 802.11 specifications. Actual data throughput and wireless coverage will vary and may be lowered by network and environmental conditions, including network traffic volume and building construction. NETGEAR makes no representations or warranties about this product's compatibility with future standards.

\* Up to 1300 Mbps wireless speeds achieved when connecting to other 802.11ac 1300 Mbps devices. 2.4GHz performance mode requires 256QAM support on WiFi client.

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