NETGEAR®

Nighthawk® AC1900 WiFi VDSL/ADSL Modem Router

Dual Core Processor
Extreme
Speed & Range

Performance & Use

AC1900

1900
DUAL BAND
600+1300

RANGE

- Extreme combined WiFi speed—Up to 1900Mbps†
- Dual core processor boosts performance
- Fast VDSL/ADSL modem for fiber broadband
- Compatible with VDSL, VDSL2, ADSL, ADSL2, & ADSL2+

The NETGEAR Difference – D7000

- Beamforming+—Faster, more reliable connections
- High-powered amplifiers & antennas to extend your WiFi coverage
- USB storage access & faster connections using USB 3.0 port
- 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
- DSL Internet service provider voice/telephone services not supported

STREAMING & GAMING

- Extreme combined WiFi speed—Up to 1900Mbps†
- Dual core 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

NETGEAR®

Speed

Get extreme dual band WiFi & enjoy a blazing-fast, lag-free WiFi experience for gaming, video streaming or surfing.

EXTREME DUAL BAND WIFI—Up to 600+1300Mbps†

GIGABIT WIFI—Next-generation WiFi now at Gigabit speeds

GIGABIT WIRED—Ideal for HD gaming & video

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

CABLE—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-power 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 2 USB ports

ONE SUPERSPEED USB 3.0 PORT—Up to 10x faster than USB 2.0

READYSHARE PRINTER—Wirelessly access & share a USB printer

NETGEAR®

Nighthawk® AC1900 WiFi VDSL/ADSL Modem Router

Data Sheet

D7000

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. Includes remote access to manage your network away from home

PUSH 'N' CONNECT—Easy push button WiFi connections

WIFI & POWER ON/OFF—Convenient power savings

Security

Maintain high security across your network to help 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—High level wireless security with WPA/WPA2

PERSONAL FTP SERVER—Customized free URL to create FTP server

NETGEAR genie®—HOME NETWORKING SIMPLIFIED

NETGEAR genie makes getting the most out of your home network fun & easy. NETGEAR genie allows you to easily monitor, connect & control your home network from an iPhone®, iPad® or Android® devices. With NETGEAR genie you can share & stream music or videos, diagnose & repair network issues, set up parental controls & more.

- Network Map—Allow or block access to your network using real-time map of connected devices
- Traffic Meter—Track your Internet data usage
- MyMedia®—Find & play media files in your network
- EZ Mobile Connect—Scan QR code to connect to your home network
- For iPhone®, iPad® or Android® devices
- 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

BEAMFORMING+—FOR MORE RELIABLE CONNECTIONS

Unlike typical WiFi routers that just blast the WiFi signals in all directions, with Beamforming+ the router & device communicate with each other, so the router can directly beam the WiFi signal to the device. Boosting speed, reliability, and range for both Implicit and Explicit 2.4 & 5GHz WiFi devices, the result is a stronger, faster, more reliable connection that is locked in even when the device is moved around the home.
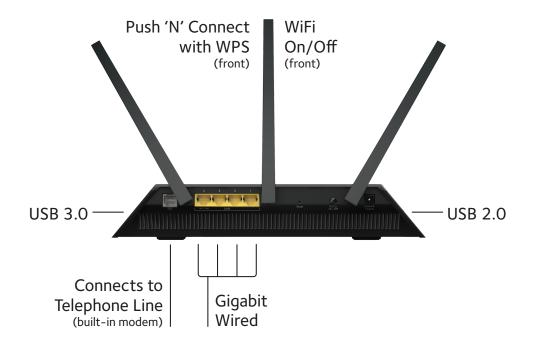
- WiFi Signal Focus—Focuses signals from the wireless router to WiFi devices like smartphones, tablets & laptops
- Automatic Signal Management—Checks with your device to keep WiFi signal at its optimal strength
- Device Connections—Designed for home environments to support multiple WiFi device connections for highest quality
- WiFi Coverage—Reduces dead spots, & boosts signal strength
- Implicit & Explicit Beamforming boosts speed, reliability & range for both 2.4 & 5GHz WiFi devices—an industry first

Connection Diagram

Push 'N' Connect with WPS (front)

WiFi On/Off (front)

USB 3.0

USB 2.0

Connects to Telephone Line (built-in modem)

Gigabit Wired

Nighthawk® AC1900 WiFi VDSL/ADSL Modem Router

PACKAGE CONTENTS

- Nighthawk AC1900 WiFi VDSL/ADSL Modem Router (D7000v2)
- 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: 1.31 lb (596 g)

STANDARDS

- Two (2) USB ports—One USB 3.0 and one USB 2.0 port
- One (1) VDSL/ADSL port
- IEEE® 802.11 b/g/n 2.4GHz + 256 QAM support
- IEEE® 802.11 a/n/ac 5.0GHz
- Four (4) 10/100/1000Mbps—1 LAN/WAN and 3 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 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

SUPPORT

- 90-day complimentary technical support*

BROADBAND INTERNET SERVICE

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

SYSTEM REQUIREMENTS

- Microsoft® Windows 7, 8, 10, 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