Nighthawk® AC1900 WiFi VDSL/ADSL Modem Router

Performance & Use

• 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-power amplifiers & antennas to extend your WiFi coverage
• USB storage access & faster connections using USB 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
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Data Sheet

D7000

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†
- 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 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-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 USB port
- 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
- Push ‘n’ Connect—Easy push button WiFi connections
- NETGEAR Genie® App—Personal dashboard to monitor, control & repair your home network. Includes remote access to manage your network away from home
- 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)
- Gigabit Ethernet
  - Connects to Cable or Fiber Modem
- USB
- Gigabit Wired
- Connects to Telephone Line (built-in modem)
### 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 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
- Four (4) 10/100/1000 Mbps—(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 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
- ReadySHARE® USB—Share your USB hard drive and printer
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- 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 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