The NETGEAR N300 WiFi Router with External Antennas (WNR2020) offers faster downloads and Internet gaming. This router delivers high-performance wireless speeds of up to 300 Mbps and is the ideal router for medium-sized homes. It delivers the speed and reliability needed for applications such as HD streaming, online gaming and a secure and reliable connection to the Internet. The WNR2020 includes advanced features such as external 5dBi antennas for improved WiFi coverage, Push ‘N’ Connect for easy push button WiFi connections and guest network access for a separate and secure Internet access for guests.

**SPEED**

- 300

**RANGE**

- Home network manager
- Turbo Transfer—share files within your home network between PC, Mac or Android™
- 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
Speed

Speed makes HD video better. Speed makes online gaming awesome. Speed makes all your devices really go. And any place you need speed, with NETGEAR you got it. Fast download speeds up to 300 Mbps. WiFi technology provides whole home coverage. Everything you need for a fast connected home.

Better WiFi Speed

N300 WiFi—Faster downloads & Internet gaming

WiFi Range

Homes come in all shapes and sizes. The NETGEAR N300 WiFi Router with External Antennas provides better WiFi connectivity throughout your home for all your Internet enabled devices.

Better WiFi Range

RANGE—For medium-sized homes

Sharing

With NETGEAR, sharing across your network is fun and easy, like accessing stored photos & music.

Share & stream your movies, music, photos

WIRELESS-N—Email, chat, surf, music, video
Ease Of Use

NETGEAR makes it easy to do more with your digital devices. 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
- PUSH ‘N’ CONNECT—Easy push button WiFi connections (WPS)
- SCHEDULED WIFI ON/OFF—Conveniently program access times and conserve up to 30% of power

Security

Guest networks create a completely separate WiFi network for your guests’ devices so they do not have access to your home network. Secure WiFi connections offer high level WPA/WPA2 security.

Safeguard your network

- GUEST NETWORK ACCESS—Separate & secure WiFi access for guests
- NETGEAR® GENIE® APP—Personal dashboard to monitor, control & repair your home network
- SECURE WIFI CONNECTIONS—High level wireless security with WPA/WPA2

Applications

With the N300 WiFi Router with External Antennas create a better home network for applications such as online gaming, a fast reliable connection to the Internet and a secure wireless connection.

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
Connection Diagram

<table>
<thead>
<tr>
<th>FEATURES</th>
<th>APPLICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Desktop PCs and Laptops</td>
<td>Email, Chat, Surf, Music, Video</td>
</tr>
<tr>
<td>WPS/Reset</td>
<td>Online Gaming HD Streaming</td>
</tr>
<tr>
<td>Broadband Modem</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WiFi Technology</th>
<th>Speed</th>
<th>Range</th>
<th>genie® App</th>
<th>Secure Connection</th>
<th>Easy Install</th>
<th>ReadySHARE® USB Access</th>
<th>Simultaneous Dual Band</th>
<th>Gigabit Wired</th>
<th>Gigabit WiFi</th>
<th>Email, Chat, Surf, Music, Video</th>
<th>Online Gaming</th>
<th>HD Streaming</th>
<th>Multiple HD Streaming</th>
</tr>
</thead>
<tbody>
<tr>
<td>N150</td>
<td>Up to 75 Mbps</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N300</td>
<td>Up to 300 Mbps</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N600</td>
<td>Up to 800 Mbps</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Package Contents
- N300 WiFi Router with External Antennas (WNR2020)
- Ethernet cable
- Installation guide
- Power adapter

### Technical Specifications
- Memory: 4 MB flash and 32 MB RAM
- Five (5) (1 WAN, 4 LAN) Fast Ethernet ports

### Standards
- IEEE 802.11 b/g/n 2.4GHz
- Five (5) 10/100 (1 WAN and 4 LAN) Fast Ethernet ports with auto-sensing technology

### Warranty
- NETGEAR 1-year limited warranty

### Support
- Basic technical phone support for 90 days from date of purchase*

### System Requirements
- Broadband (cable, DSL) Internet service and modem with Ethernet connection
- 802.11 b/g/n 2.4GHz 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

### Security
- WiFi Protected Access® (WPA/WPA2—PSK and WEP)
- Double firewall protection (SPI and NAT firewall)
- Denial-of-service (DoS) attack prevention
- Exposed Host (DMZ) for secure gaming

---

*This product is packaged with a limited warranty, the acceptance of which is a condition of sale. Warranty valid only when purchased from a NETGEAR authorized reseller.

*Basic technical support provided for 90 days from date of purchase when purchased from a NETGEAR authorized reseller.

†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, interference, and building construction may lower actual data throughput and wireless coverage. NETGEAR makes no express or implied representations or warranties about this product’s compatibility with any future standards.

¹Works with devices supporting Wi-Fi Protected Setup® (WPS).

For indoor use only.

NETGEAR and the NETGEAR Logo are trademarks and/or registered trademarks of NETGEAR, Inc. and/or subsidiaries in the United States and/or other countries. Other brand names mentioned herein are for identification purposes only and may be trademarks of their respective holder(s). Information is subject to change without notice. ©2016 NETGEAR, Inc. All rights reserved.