NETGEAR®

AC750 Dual Band WiFi Gigabit Router

Data Sheet

R6050

Performance & Use

AC750

750
DUAL BAND
300+450

RANGE

- AC750 WiFi—300+450 Mbps† speeds
- Simultaneous dual band reduces interference
- External 5dBi antenna for better range and throughput
- AC WiFi compatible with current & future WiFi devices
- Gigabit Ethernet for best wired performance
- Wirelessly access and share USB hard drive or printer

802.11ac Difference – R6050

- Up to 3x faster than 802.11n
- Compatible with 802.11ac laptop and mobile devices
- Backward compatible with 802.11n

Overview

The NETGEAR AC750 Dual Band WiFi Gigabit Router delivers 300+450 Mbps† WiFi speeds, up to 3x faster than 802.11n. Simultaneous dual band reduces interference for reliable connections and the external 5dBi antenna provides better range and throughput. The AC750 WiFi Router is compatible with current and future WiFi devices and backward compatible with 802.11n devices.

GET IT ON
Google play

Available on the
App Store

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
- 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

PAGE 1 OF 5

NETGEAR®

AC750 Dual Band WiFi Gigabit Router

Speed

Speed makes video streaming better. Speed makes online gaming more fun. Speed makes all your devices really go. And any place you need speed, with NETGEAR you got it. Fast download speeds up to 750 Mbps. WiFi with dual band technology providing whole home coverage. Everything you need for a fast connected home.

Best WiFi Speed

FASTER AC WIFI—Up to 300+450 Mbps[†]

GIGABIT WIRED—Ideal for HD gaming & video

Reliable Connections

Stay connected—with your devices, your media, and your friends. Simultaneous Dual Band WiFi provides two separate WiFi networks—2.4GHz for legacy devices and 5GHz which is less interference-prone for media streaming. In addition, the AC750 WiFi Router has 5dBi antennas that provide better range and throughput. The advanced QoS technology provides higher priority for media streaming application for smoother HD video streaming and low latency online gaming.

Enjoy high-performance connectivity throughout your home

SIMULTANEOUS DUAL BAND—Reduces WiFi interference & doubles bandwidth

EXTERNAL 5dBi ANTENNA—Provides better range and throughput

ADVANCED QoS—Optimized for smooth HD streaming & gaming

Sharing

Relive memories and share them with others. Find photos, videos and music stored on a shared USB hard drive and enjoy them on your DLNA TV right from your couch. If it's secure and shared storage access you want, NETGEAR has easy ways to do it.

Share & stream your movies, music, photos

READYSHARE® USB ACCESS—Wirelessly access & share USB hard drives

READYSHARE® PRINTER—Wirelessly access & share a USB printer

WiFi Range

Homes come in all shapes and sizes. The NETGEAR AC750 WiFi Router provides WiFi connectivity throughout your home for all your Internet-enabled devices.

Better WiFi Range

RANGE—For medium to large homes

NETGEAR®
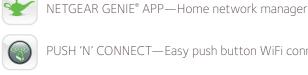
AC750 Dual Band WiFi Gigabit Router

Data Sheet

R6050

Ease Of Use

NETGEAR makes it easy to do more with your digital devices. Manage your network with genie® App— a personal, icon-based dashboard that can control and monitor all your devices. Or, 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

NETGEAR GENIE® APP—Home network manager

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

WIFI & POWER ON/OFF—Convenient power savings

Security

Keep your Internet browsing experience safe and secure with the free parental controls. It allows you to limit access to certain web sites at certain times. For example no social networking or gaming site access after dinner time. Guest networks create a completely separate WiFi network for your guests' devices, ensuring they do not have access to your home network or to the shared USB hard drive with all your personal data. Secure WiFi connections offer the highest level of WPA/WPA2 security.

Safeguard your network

PARENTAL CONTROLS—Web filtering for all your connected devices

GUEST NETWORK ACCESS—Separate & secure access for guests

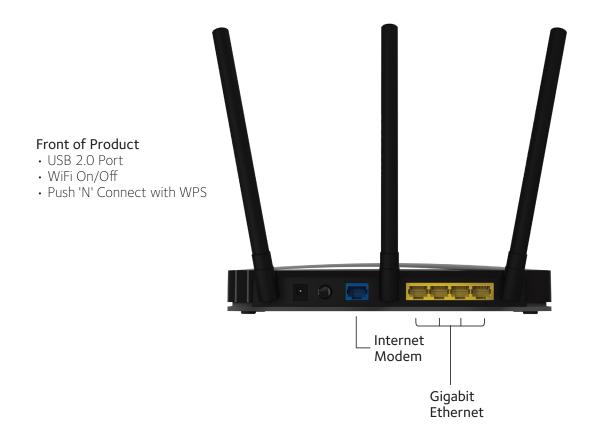SECURE WIFI CONNECTIONS—Highest level wireless security with WPA/WPA2

NETGEAR®

AC750 Dual Band WiFi Gigabit Router

Data Sheet

R6050

Connection Diagram

Front of Product
- USB 2.0 Port
- WiFi On/Off
- Push 'N' Connect with WPS

Internet
Modem

Gigabit
Ethernet

WiFi Technology	Speed	Range	FEATURES							APPLICATIONS			
			genie® App	Secure Connection	Easy Install	ReadySHARE USB Access	ReadySHARE USB Printer	Simultaneous Dual Band	Gigabit Wired	Email, Chat, Surf, Music, Video	Online Gaming	HD Streaming	Multiple HD Streaming
N300	Up to 300 Mbps†		✓	✓	✓					✓	✓		
N600	Up to 300+300 Mbps†		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
AC750	Up to 300+450 Mbps†		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

PACKAGE CONTENTS

- AC750 Dual Band WiFi Gigabit Router (R6050)
- Ethernet cable
- Power adapter
- Quick install guide

PHYSICAL SPECIFICATIONS

- Dimensions (with antenna upright): 215 x 170 x 190 mm (8.46 x 6.7 x 7.48 in)
- Weight: 392.6 g (0.87 lb)

WARRANTY

- Warranty localized to country of sale

SUPPORT

- Free phone technical support provided for 90 days from date of purchase*

TECHNICAL SPECIFICATIONS

- Simultaneous Dual Band—runs 2.4 and 5GHz bands concurrently
- Memory: 128 MB flash and 128 MB RAM
- Reliable video and gaming with Automatic Quality of Service (QoS)
- Supports Wireless Multimedia (WMM) based QoS

STANDARDS

- One (1) USB 2.0 port
- IEEE® 802.11 b/g/n 2.4 GHz
- IEEE 802.11 a/n/ac 5.0 GHz
- Five (5) 10/100/1000 (1 WAN and 4 LAN) Gigabit Ethernet ports with auto-sensing technology

SYSTEM REQUIREMENTS

- Broadband (cable, DSL) Internet service and modem with Ethernet connection
- 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
- Use with the A6200 WiFi USB Adapter with 802.11ac Dual Band for maximum performance

Security

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

NETGEAR, Inc. 350 E. Plumeria Drive, San Jose, CA 95134-1911 USA, 1-888-NETGEAR (638-4327), E-mail: info@NETGEAR.com, www.NETGEAR.com   D-R6050-0