orbi™

NETGEAR®

Orbi™ WiFi 6 DOCSIS® 3.1 Cable Modem Router

Data Sheet

CBR750



xfinity Spectrum COX®

Overview

Built with the latest and fastest WiFi 6 plus DOCSIS® 3.1 technology, NETGEAR Orbi Cable Modem Router provides a robust smart home experience. Experience WiFi coverage and connection capacity beyond belief with the perk of automatic firmware updates while saving up to $168 per year by eliminating monthly cable modem rental fees.[1] This system now includes NETGEAR Armor™, advanced cyber security for your devices, and NETGEAR Smart Parental Controls.™

Scan for full list of compatible service providers.

NETGEAR Armor™ Cybersecurity[3]

NETGEAR Smart Parental Controls™[4]

Features

Upgrade Your WiFi to First Class.
WiFi 6 allows more devices to connect and stream simultaneously, without impacting speed or reliability, by efficiently packing and scheduling data.

Compatible with All Major US Cable Service Providers.
Certified with Xfinity with speeds up to 800Mbps, Spectrum service of 1Gbps, and with Cox service speeds of 1Gbps.

Built in DOCSIS® 3.1 Cable Modem.
Up to 10Gbps, 10X faster download speeds than the DOCSIS® 3.0 standard. Fully backwards compatible with previous DOCSIS standards.‡

Automatic Firmware Updates.
Stay up to date with automatic Orbi software updates for new router features and WiFi improvements.

Save Money.
Eliminate monthly Cable modem rental fees and save up to $168 per year[1].

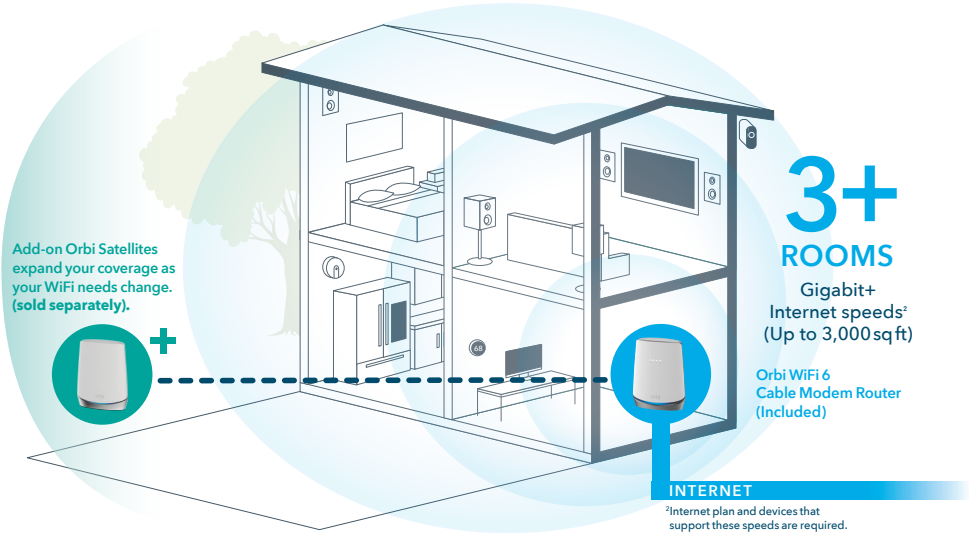
Advanced Cyber Threat Protection.
NETGEAR Armor™ has your home network & devices covered from attack.[3]

Manage Your Kids' Screen Time.
NETGEAR Smart Parental Controls™ is an easy way for parents to monitor, pause the Internet and promote healthy habits across connected devices.[4]

House Diagram

orbi™

Robust Smart Home Experience



Built for Gigabit Internet Speeds Everywhere
You've paid for the fastest Internet speeds, now experience it everywhere in your home.

Performance Leadership in Mesh WiFi 6
Ultra-fast connections for all your smart home, streaming, mobile & gaming needs.

Built in DOCSIS® 3.1 Cable Modem
Up to 10Gbps, 10X faster download speeds than the DOCSIS® 3.0 standard. Fully backwards compatible with previous DOCSIS standards.‡

xfinity Spectrum COX

Works with U.S. cable Internet providers Xfinity® from Comcast, Spectrum®, Cox® & more (not compatible with cable bundled voice services). Certified with Xfinity with speeds up to 800Mbps, Spectrum service of 1Gbps, and with Cox service speeds of 1Gbps. Please check your cable Internet service provider web site data speed tier compatibility.

Orbi App

Use the Orbi app to easily setup, monitor and manage your Orbi WiFi.



NETGEAR Smart Parental Controls™ help you remotely manage your kids' time and content online across their connected devices.

NETGEAR Armor™ powered by Bitdefender® provides best-in-class anti-virus, anti-malware and data protection for your smart devices, smartphones, and computers.

Download on the App Store GET IT ON Google Play

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NETGEAR Armor™

NETGEAR Armor empowers you to eliminate vulnerabilities or simply know the status of your home network and devices, anytime, anywhere. Get instant notifications when malicious threats are detected, block unknown devices from joining your Orbi home network or easily take action on vulnerabilities as they are discovered through the Orbi App.

Powered by Bitdefender®, NETGEAR Armor™ is one of the most comprehensive and advanced security solutions that protects you and your family from hackers and viruses. It's built into your NETGEAR router and is easily managed through the NETGEAR iOS or Android app. NETGEAR Armor™ includes Bitdefender's award-winning anti-virus, anti-malware, total protection suite for unlimited computers, smartphones, and tablets plus Bitdefender VPN to safeguard these devices—anywhere you go. Learn more at NETGEAR.com/armor.



Advanced Security Built into Your NETGEAR Router

PROTECTS ALL CONNECTED DEVICES—Safeguard all your smart home devices, game consoles, TVs, and streaming players, as well as your tablets, computers, and smartphones.

SENSITIVE DATA PROTECTION—Keeps your data private by blocking attempts to send your login and banking info, SSNs, and more from being sent over unencrypted connections.

ANOMALY DETECTION—Blocks unusual behavior on your connected devices detected by our machine learning algorithm to protect your network against attacks.

BRUTE FORCE PROTECTION—Protects the entire network by preventing connected smart devices from being compromised by botnet attacks, such as credential and encryption key attacks.

DDoS PROTECTION—Prevents and protects your network against crippling denial-of-service attacks.

EXPLOIT PREVENTION/IDS—Protects your data and devices by blocking attacks—like malicious intrusions—that try to exploit vulnerabilities in your connected devices or software.

AUTOMATIC THREAT BLOCKING—Blocks viruses, ransomware, phishing, spoofing, and other advanced cyberattacks threatening your network and connected devices with vulnerabilities.

WEB PROTECTION—Instantly blocks webpages that possibly contain harmful malware, phishing, or other malicious content. (For Android and iOS devices)

VULNERABILITY SCAN—Closes any backdoor entries or hackers by identifying weak passwords or credentials and firmware or services with vulnerabilities.

REAL-TIME ALERTS—Notifications of detected and blocked threats and when new devices connect to your network.

MANAGE NETGEAR ARMOR EASILY—Stay in the know with your Nighthawk App—anywhere, anytime.

Your Armor subscription also includes features that protect your devices outside your home:

BITDEFENDER SECURITY—Install this protection on your desktop and laptop computers and mobile devices for an extra layer of cybersecurity at home and on-the-go.

BITDEFENDER® VPN—Encrypts your Internet connection to keep your online activity private, even while you're on unsecured public networks.

ANTI-THEFT PROTECTION—Remotely locate, lock, and wipe your lost or stolen devices.

NETGEAR Smart Parental Controls™ ∞

Creating the safest online experience for your kids is important and our built-in Smart Parental Controls makes it easy.

You are in control of your kids' Internet access:

- Pause the Internet for needed breaks
- Create custom profiles to manage online time for each kid

With the Premium subscription*, you get even more insights into your kids' online activities to promote healthy habits:

- Get a detailed report of your kids' Internet usage and block any sites
- Customize filters for your kids and limit their Internet time

Key Features:



∞NETGEAR Smart Parental Controls™ are not available in all regions and countries. Visit www.netgear.com/NETGEAR-SPC-availability for availability.

* NETGEAR Smart Parental Controls™ Premium requires a paid subscription after the 30-day free trial. (No credit card required for the trial). Visit netgear.com/spc for more information.

Orbi Cable Modem Router (CBR750)





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Data Sheet

CBR750

What's In the Box?

- One (1) Orbi Cable Modem Router (CBR750)
- One (1) 19V/3.16A power adapter
- One (1) 2m Ethernet cable
- Quick start guide

What Do I Need for Orbi to Work?

- High-speed Internet connection

Physical Specifications

- Dimensions: 9.6 x 7.7 x 3.5 in each
- Weight: 3.1 lb each

Software Features

- Orbi Mobile App

Technical Specifications

- Orbi AX4200 DOCSIS® 3.1 Cable Modem Router (600 + 1200 + 2400Mbps)†
- Simultaneous Tri-band WiFi
  - Radio 1: IEEE® 802.11b/g/n/ax 2.4GHz—1024-QAM support
  - Radio 2: IEEE® 802.11a/n/ac/ax 5GHz—1024-QAM support
  - Radio 3: IEEE® 802.11a/n/ac/ax 5GHz—1024-QAM support
- Built-in high-speed DOCSIS® 3.1 Cable Modem compatible with 32x8 DOCSIS® 3.0
- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands
- Processor – Powerful quad-core 1.4GHz processor
- Antenna – Six (6) high-performance internal antennas with high-power amplifiers
- Ports – Four (4) 10/100/1000Mbps Gigabit Ethernet LAN ports
- Security
  - Advanced cyber threat protection for your home network and connected devices, with comprehensive anti-virus & data theft protection for your PC, Mac®, and mobile devices with NETGEAR Armor™[3]
  - Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
  - Guest WiFi Network is easy to setup separate & secure Internet access for guests
- NETGEAR Smart Parental Controls™ — Easily manage your kids' time online across their connected devices. Learn more at www.netgear.com/spc

This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller. www.netgear.com/warranty

[1] Savings shown may vary by cable service providers.

[2] Internet plan and devices that support these speeds are required.

[3] NETGEAR Armor™ requires a paid subscription after the initial 30-day free trial. (No credit card required for the trial). Visit netgear.com/armor

[4] NETGEAR Smart Parental Controls™ are not available in all regions and countries. Visit www.netgear.com/NETGEAR-SPC-availability for availability. NETGEAR Smart Parental Controls™ Premium requires a paid subscription after the 30-day free trial. (No credit card required for the trial). Visit netgear.com/spc for more information.

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

‡10Gbps is the maximum data transfer rate in the DOCSIS® 3.1 standard. In practice, your Internet speeds will be less, as the transfer rate through the CBR750 four Gigabit Ethernet ports are limited to 4Gbps. The transfer rate may also be reduced by the volume of network traffic or your service plan. Maximum rate is derived from DOCSIS® 3.1 specifications and actual throughput will vary depending on your Internet subscription with your provider.

For regulatory compliance information, visit http://www.NETGEAR.com/about/regulatory

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