NIGHTHAWK®

Nighthawk® CM2000 2.5Gbps Ultra-High Speed Cable Modem

xfinity   Spectrum▶   COX.

Overview

Experience the industry's first and new generation of retail of cable modems with DOCSIS® 3.1 that delivers 2.5Gbps ultra high speed Internet connections, so you can be ready for the fastest cable Internet service plans of today and tomorrow. DOCSIS® 3.1 delivers the world's fastest cable Internet with speeds that are 10 times faster than DOCSIS® 3.0. Save up to $168 per year by eliminating monthly cable modem rental fees†. The Nighthawk® CM2000 2.5Gbps Ultra-High Speed Cable Modem is backward compatible with DOCSIS® 3.0 and work with all Internet service speed tiers.
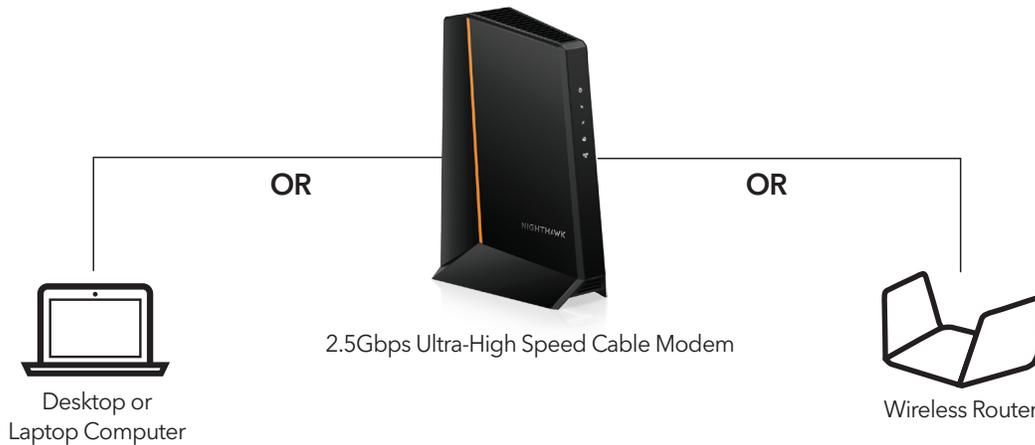
NETGEAR®

NIGHTHAWK®

The NETGEAR Difference - CM2000

- 2.5Gbps ultra high speed Internet connections

- DOCSIS® 3.1

- Supports IPv6

- Easy installation

Performance and Use

- 2.5X Internet speeds—The next Generation DOCSIS® 3.1 Cable modem with 2.5G ethernet port support up to 2.5 times faster speeds than the first generation DOCSIS® 3.0 modem.

- DOCSIS® 3.1—Up to 10X faster download speeds than DOCSIS® 3.0. DOCSIS® 3.1 is 2x2 OFDM(A)+ DOCSIS® 3.0 32x8 channel bonding

- Multi-gig Internet speed system— Experience a new generation of cable modems that deliver up to 2.5Gbps Multi-Gigabit Internet.

- Ready for Fastest Speeds Available by Cable Service Providers—Built ready for Gigabit (and more) cable Internet service plans available today and future upgrades

- Saves Money—Eliminate monthly cable modem rental fees and save up to $168 per year[†]

- Backward Compatible—Backward compatible to 32x8 channel bonding in DOCSIS® 3.0 mode

- Works right out of the box with XFINITY® from Comcast, Spectrum®, Cox®, and more

- Easy Installation—Trouble-free setup only takes a few quick

- Power savings—Energy efficient to reduce cable modem power usage.

- Nighthawk Multi-Gig Eco System support—Works best with the RAX120, RAX200, and Orbi RBK852 with 2.5Gbps WAN Port. It is also compatible with ISPs for future 1Gbps+ service plans.

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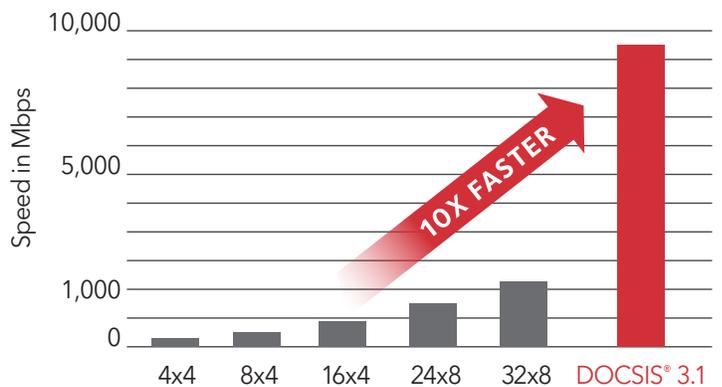## Cable Internet Connection

2.5Gbps Ultra-High Speed Cable Modem

OR   OR

Desktop or
Laptop Computer

Wireless Router

**This product is not compatible with Cable bundled
voice services.**

xfinity   Spectrum▶   COX.

Why DOCSIS® 3.1

- More Speed—supports up to 10Gbps‡

- Increases the uplink speed to the cloud for critical
  uploads like security camera feeds and photos

- Improves stability and reliability of your
  Internet connection

- More energy efficient

DOCSIS® Speeds

Speed in Mbps

10,000

5,000

1,000

0

10X FASTER

4x4   8x4   16x4   24x8   32x8   DOCSIS® 3.1

NETGEAR®

NIGHTHAWK®

Nighthawk® CM2000 2.5Gbps Ultra-High Speed Cable Modem

Modems Designed for Today's Internet Plans and Future Upgrades

NETGEAR MODEM	CM2000	CM1200	CM1000	CM700	CM500
CABLE MODEM TECHNOLOGY	DOCSIS® 3.1	DOCSIS® 3.1	DOCSIS® 3.1	DOCSIS® 3.0 32x8	DOCSIS® 3.0 16x4
SUPPORTED SPEED TIERS	Multi-Gig 2.5Gbps	1Gbps+	Up to 1Gbps	Up to 400Mbps	Up to 300Mbps

Connection Diagram

2.5G Ethernet Port

Cable Coaxial Port

Power

NETGEAR®

Package Contents

- Nighthawk® 2.5Gbps Ultra-High Speed Cable Modem–DOCSIS® 3.1 (CM2000)
- One (1) Ethernet cable
- Quick install guide
- Power adapter

Physical Specifications

- Dimensions: 6.8 x 3.7 x 8.2 in (172 x 94 x 208 mm)
- Weight: 1.02lb (482g)

Standards

- One (1) LAN 2.5Gbps Gigabit Ethernet port
- One (1) WAN coaxial cable connection

Technical Specifications

- Simple–CD-less installation
- 32 downstream and 8 upstream SC-QAM channels
- 2 OFDM Downstream channels and 2 OFDMA Upstream channels
- DOCSIS® Quality of Service (QoS)

Advanced Features

- Fast download and upload speed– 32x8 SC-QAM + 2 OFDM & 2 OFDMA Channel Bonding enables up to 2.5Gbps‡ download speeds
- Supports IPv6
- 2.5Gbps Gigabit Ethernet port with auto-sensing technology

Support

- 90-day complimentary technical support following purchase from a NETGEAR authorized reseller
- Join the NETGEAR Community Forum. Visit http://community.netgear.com

System Requirements

- Cable Broadband Internet service
- Please check your Cable Internet Service Provider web site for data speed tier compatibility and to ensure it provides DOCSIS® 3.1 service, otherwise this modem will only work as a DOCSIS® 3.0 modem
- Not compatible with Cable bundled voice services
- This cable modem does not have a built-in wireless router or telephone capability

Warranty

- NETGEAR 1-year limited warranty
- www.netgear.com/warranty/

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