

**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®**

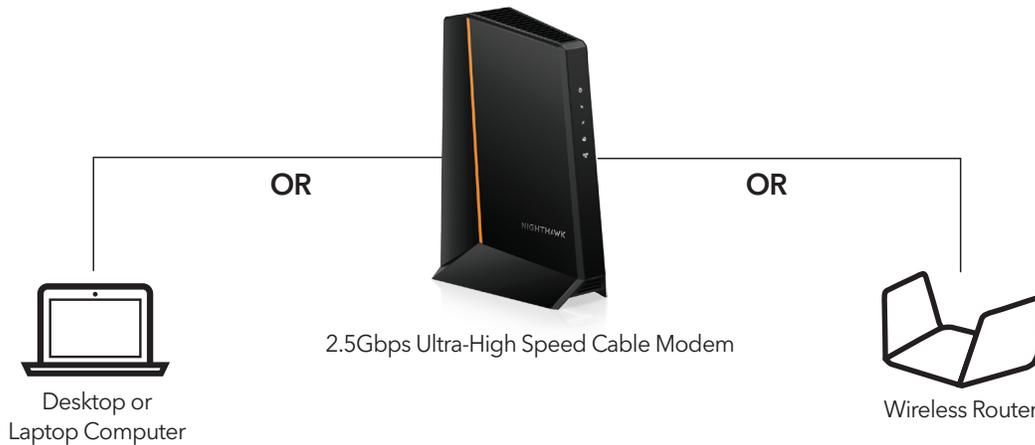
**NIGHTHAWK®****Nighthawk® CM2000 2.5Gbps Ultra-High Speed Cable Modem****The NETGEAR Difference - CM2000**

- 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.

**Cable Internet Connection**



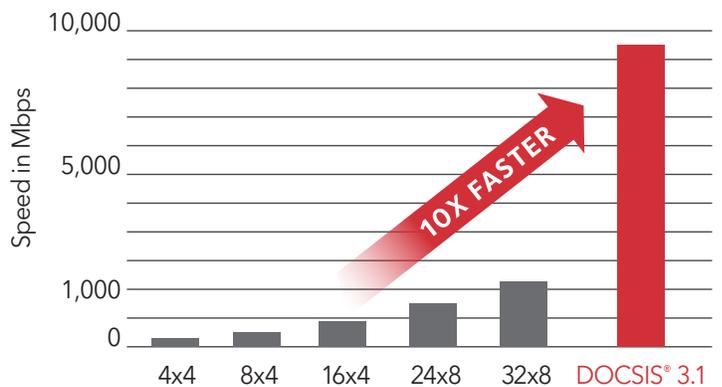
This product is not compatible with Cable bundled voice services.



**Why DOCSIS® 3.1**

- More Speed—supports up to 10Gbps<sup>†</sup>
- 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**



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



# NIGHTHAWK®

# Nighthawk® CM2000 2.5Gbps Ultra-High Speed Cable Modem

## 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<sup>†</sup> 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/](http://www.netgear.com/warranty/)

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

<sup>†</sup>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 CM2000 Gigabit Ethernet port is limited to 2.5Gbps. 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.

<sup>†</sup>Savings shown may vary by cable service providers.

NETGEAR makes no express or implied representations or warranties about this product's compatibility with any future standards.

Customer-owned modems may not be compatible with certain cable networks. Please check with your cable provider to confirm this NETGEAR modem is allowed on your cable network. This product not compatible with Cable bundled voice services.

For indoor use only.

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