# NIGHTHAWK®

## 2.5Gbps Internet Cable Modem with XFINITY® Voice

Up to
2.5Gbps
Cable Internet

2 Telephone Lines

WiFi Router

8K

HD

**SUPPORTS FASTEST INTERNET SPEEDS AVAILABLE**

xfinity®

**2 PHONE LINES**

## Overview

Experience a new generation of cable modems that deliver up to 2.5Gbps Multi-Gigabit Internet speed, 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†. CM2050V includes two telephones ports that automatically prioritize voice over internet for clear and uninterrupted calls.

## NETGEAR®

# NIGHTHAWK®

## 2.5Gbps Internet Cable Modem with XFINITY® Voice

## Built for XFINITY® from Comcast Internet with Voice

- Two (2) telephone ports that automatically prioritize voice over internet for the best call clarity

- Enhanced call features include 3-way conference calling, caller ID, call forwarding and more

- Delivers up to 2.5Gbps ultra high speed Internet connections

- DOCSIS® 3.1 is up to 10X faster than the DOCSIS® 3.0 standard

- Built for Gigabit + 2.5Gbps cable Internet service plans available today and ready for future upgrades

- Save up to $168 per year by eliminating monthly cable modem rental fee[†]
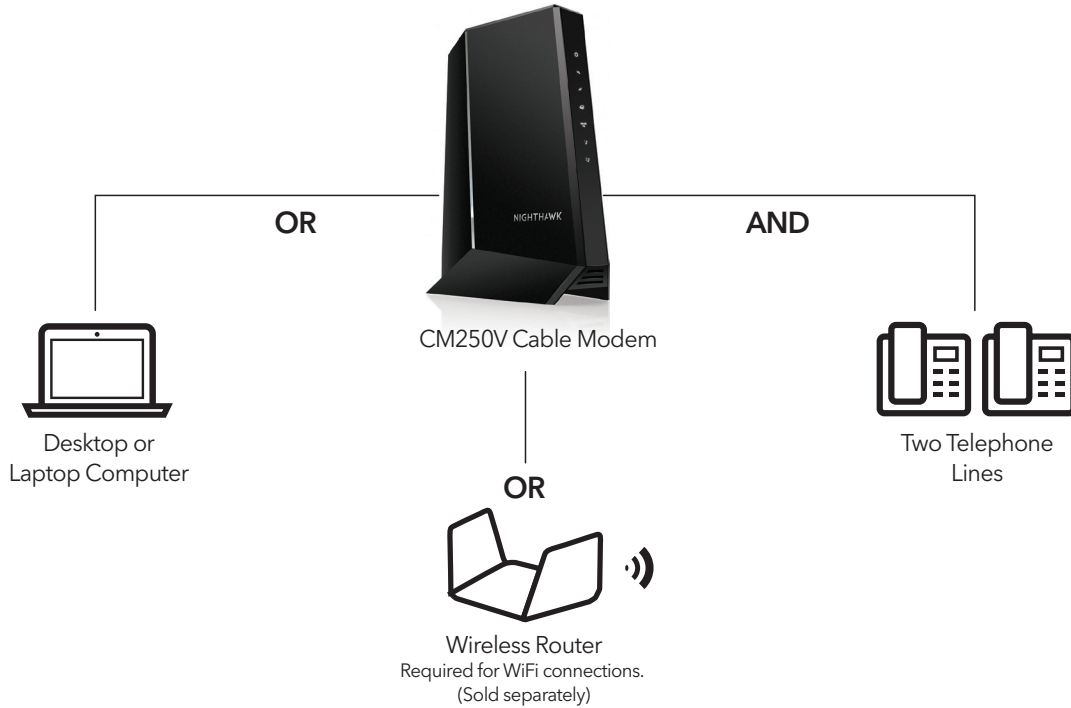
## The NETGEAR Difference - CM2050V

- 2.5Gbps ultra high speed Internet connections

- Supports IPv6

- Easy installation

- DOCSIS 3.1 Technology

- Required for Gigabit XFINITY Internet with Voice plans

## Performance and Use

- Ready for XFINITY's fastest Internet speeds with voice available by Cable Service Providers—Built ready for Gigabit (and more) cable Internet service plans available today and future upgrades

- 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

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

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

- 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

- Supports XFINITY® from Comcast Double & Triple Plan with Voice Service

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

- Clear and uninterrupted calls with automatic prioritization

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

- Nighthawk Multi-Gig Eco System support. Works best with the RAX120, RAX200, and Orbi RBK852 and future routers with 2.5Gbps WAN Port.

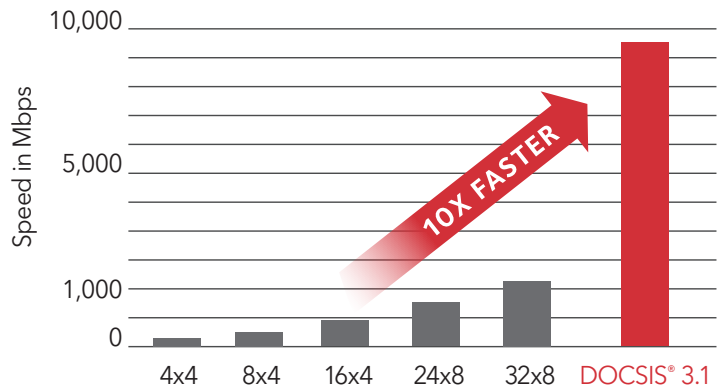[†]Savings shown may vary by cable service providers.

## NETGEAR®

# NIGHTHAWK®

## Cable Internet Connection

OR · AND

CM250V Cable Modem

Desktop or
Laptop Computer

OR

Wireless Router
Required for WiFi connections.
(Sold separately)

Two Telephone
Lines

Connect the CM2500V cable modem directly
to your computer or your WiFi router for
connecting to wireless devices.

**xfinity**®

## 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

10X FASTER

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

# NETGEAR®

# NIGHTHAWK®

## Cable Telephony Modems Designed for Today's Internet Plan and Future Upgrades

| NETGEAR MODEM | CM2050V Modem | CM1150V Modem | CM500V |
|---|---|---|---|
| CABLE MODEM TECHNOLOGY | DOCSIS® 3.1 | DOCSIS® 3.1 | DOCSIS® 3.0 16x4 |
| SUPPORTED SPEED TIERS | Multi-Gig 2.5Gbps | Multi-Gig 1Gbps+ | Up to 300Mbps |

## Connection Diagram

2.5G Ethernet Port

Two Telephone Ports

Cable/Coaxial Port

Power

# NETGEAR®

## Package Contents

- Nighthawk® 2.5Gbps Internet Speed Cable Modem (CM2050V)
- One (1) Ethernet cable
- One (1) RJ11 telephone 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: 1.09lb (493g)

## Standards

- One (1) LAN 2.5Gbps Gigabit Ethernet port
- One (1) WAN coaxial cable connection
- Two (2) RJ-11 telephone ports

## Technical Specifications

- Simple—CD-less installation
- 32 downstream & 8 upstream SC-QAM channels
- 2 OFDM & 2 OFDMA
- 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
- IPv6 next generation Internet addressing support
- 2.5Gbps Gigabit Ethernet port with auto-sensing technology
- Two (2) RJ11 telephone ports support for up to 2 landlines

## Support

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

## 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
- Requires XFINITY from Comcast Voice service plan

  Note: Will not work with any other voice service except XFINITY Voice
- This cable modem does not have a built-in wireless router

## Warranty

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