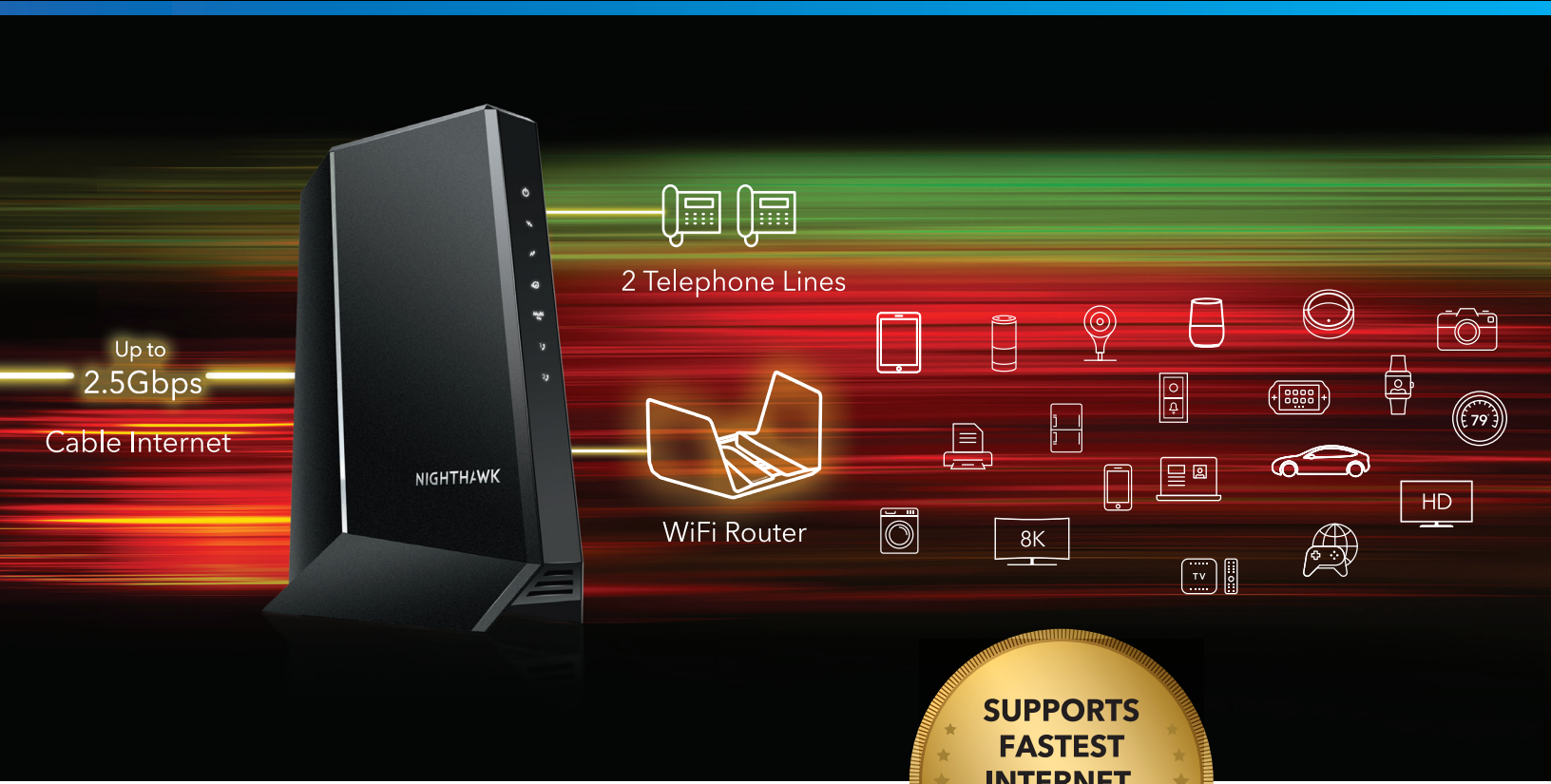


NIGHTHAWK®

2.5Gbps Internet Speed Cable Modem for XFINITY® Voice



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 telephone ports that automatically prioritize voice over internet for clear and uninterrupted calls.

NIGHTHAWK®**2.5Gbps Internet Speed Cable Modem for 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

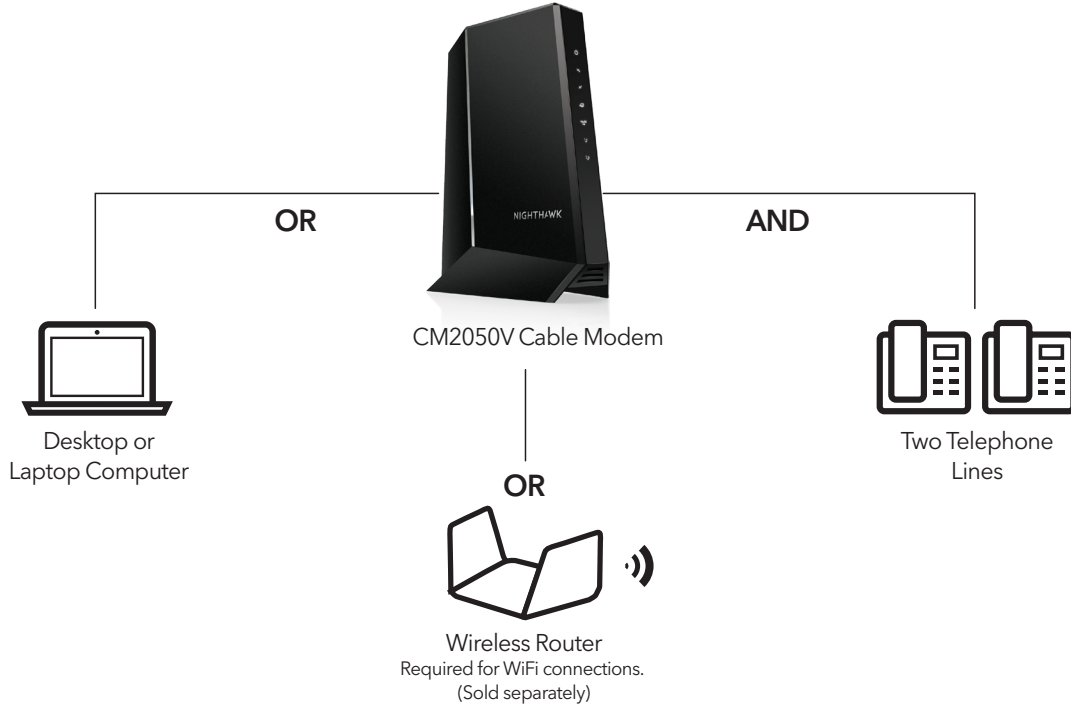
- 2.5Gbps ultra high speed Internet connections
- Supports IPv6
- Easy installation
- DOCSIS 3.1 Technology
- Required for Gigabit XFINITY Internet with Voice plans

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 minutes
- 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.

Cable Internet Connection



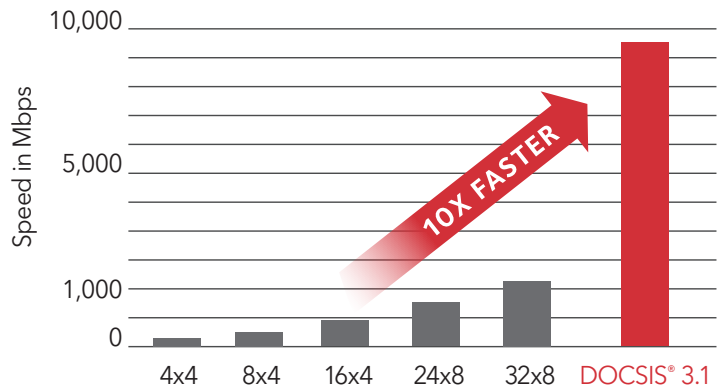
Connect the CM2050V Cable Modem directly to your computer or your WiFi router for connecting to wireless devices.



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



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



NIGHTHAWK®**2.5Gbps Internet Speed Cable Modem for XFINITY® Voice****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



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

*90-day complimentary technical support following purchase from a NETGEAR authorized reseller.

† Savings shown may vary by cable service providers.

‡ 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 CM2050V 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.

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.

For indoor use only.

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