NETGEAR®

Nighthawk® CM1100 Multi-Gig Speed Cable Modem

BUILT FOR
Multi Gig INTERNET
DOCSIS® 3.1

Performance & Use

- True Multi-Gig Experience—Link aggregation support delivers multi-gig wireless speed to with up to 2Gbps* download speed.

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

- 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 $120 per year.

- Gigabit Ethernet Ports—Fastest wired speeds to connect your router or computer. Create two Home Networks, both capable of gigabit speeds and aggregate for the fastest multi-gig speeds.

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

- Works with XFINITY® from Comcast and Cox—Ready out of the box. You can easily self-activate without needing a service call.

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

Overview

Nighthawk® CM1100 Multi-Gig Speed Cable Modem by NETGEAR® supports link aggregation to deliver true multi-gig Internet speeds. It improves your Internet connections and provides smooth online streaming and gaming. This DOCSIS 3.1 cable modem is ready for any of today's service plans and future upgrades.
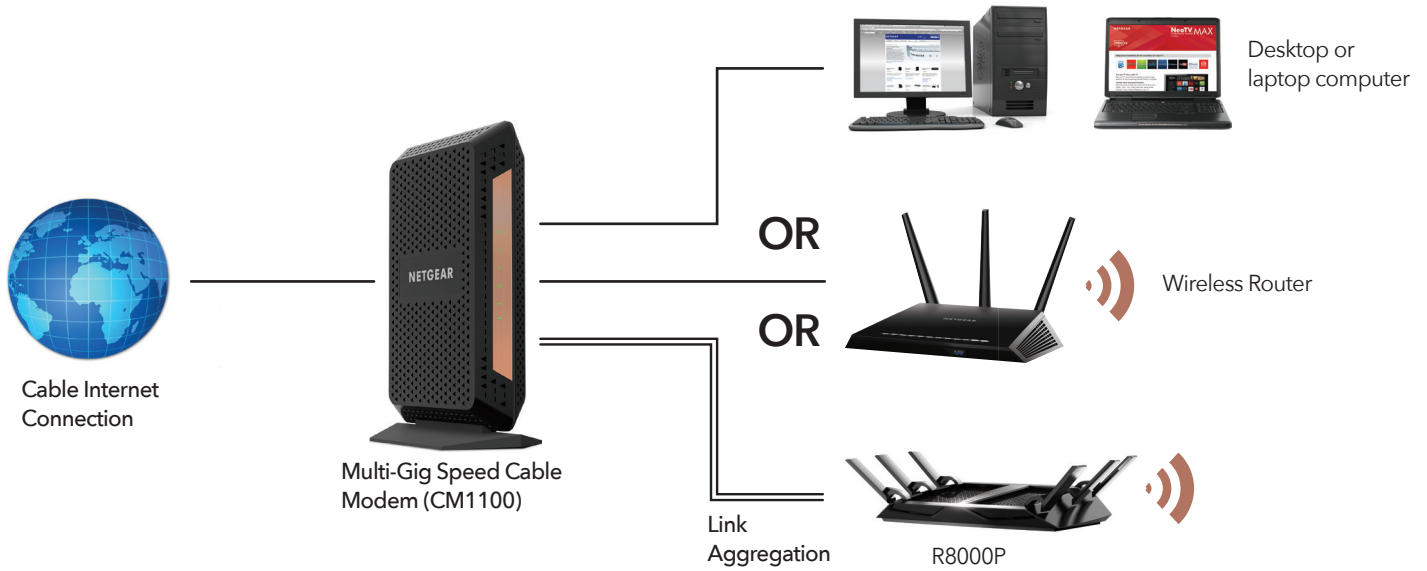
The NETGEAR Difference - CM1100

- Two (2) Gigabit Ethernet ports
- DOCSIS 3.1
- Supports IPv6
- Secure connection
- Easy installation

Fast Cable Internet Access

- Up to 2Gbps‡ download for streaming HD videos, faster downloads, and high-speed online gaming—Ideal for XFINITY® Gigabit/Blast/Extreme Internet plans

- 32 downstream & 8 upstream channels

- 2 DOCSIS 3.1 OFDM downstream channels & 2 DOCSIS 3.1 OFDM upstream channels providing efficient and reliable Internet access

- Works with U.S. cable Internet providers XIFINITY® from Comcast and Cox (not compatible with Cable bundled voice services)

- Fast web self-activation for XFINITY® customers—Get connected without a service call

- Two Gigabit Ethernet ports—Fastest wired speeds to connect your router or computer

- Save money over time by owning your cable equipment and avoiding monthly rental charges from your Internet provider—up to $120 per year[1]

[1]Up to $120 based on current fees.

Desktop or laptop computer

OR

Wireless Router

OR

Cable Internet Connection

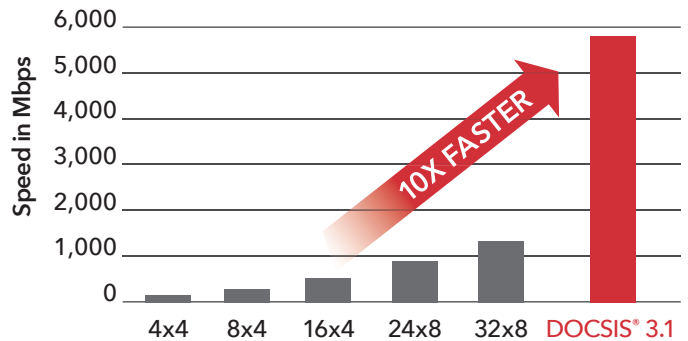Multi-Gig Speed Cable Modem (CM1100)

Link Aggregation

R8000P

Connect the CM1100 Multi-Gig Speed Cable Modem directly to your computer or wireless router for connecting to other wireless devices.

Why DOCSIS® 3.1

- More Speed—up to 6Gbps downstream and 1.8Gbps upstream

- 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

6,000
5,000
4,000
3,000
2,000
1,000
0

10X FASTER

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

NETGEAR®

Nighthawk® CM1100 Multi-Gig Speed Cable Modem

PACKAGE CONTENTS

- Nighthawk® Multi-Gig Speed Cable Modem–DOCSIS 3.1 CM1100
- Ethernet cable
- Quick install guide
- Power adapter

PHYSICAL SPECIFICATIONS

- Dimensions: 8.8 x 3.4 x 5.9 in (224 x 86 x 150 mm)
- Weight: 1.00 lb (460g)

WARRANTY

- www.netgear.com/about/warranty

ADVANCED FEATURES

- True Multi-gig Speed with link aggregation support
- DOCSIS® 3.1
- Backward compatible 32x8 channel bonding in DOCSIS® 3.0 mode
- Supports IPv6
- Gigabit Ethernet ports for faster access and downloads
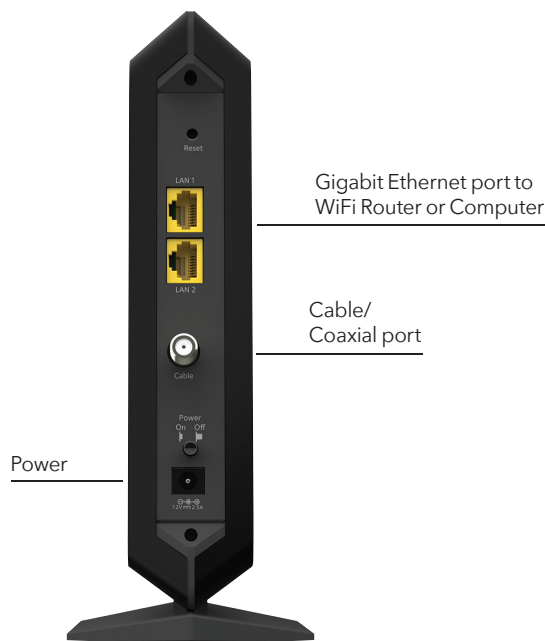
STANDARDS

- Two (2) LAN Gigabit Ethernet ports
- One (1) WAN coaxial cable connection

TECHNICAL SPECIFICATIONS

- Simple–CD-less installation
- 32 downstream & 8 upstream channels
- 2x2 OFDM
- Memory: 128 MB NAND flash 256 MB RAM
- DOCSIS Quality of Service (QoS)

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
- Microsoft® Windows® 7, 8, 10, Vista®, XP®, 2000, Mac OS®, or other operating systems running a TCP/IP network
- Microsoft® Internet Explorer® 5.0, Firefox® 2.0, Safari® 1.4, or Google Chrome™ 11.0 browsers or higher
- Not compatible with Cable bundled voice services

Reset

LAN 1

LAN 2

Gigabit Ethernet port to WiFi Router or Computer

Cable

Cable/ Coaxial port

Power On Off

Power

12Vmm 2.5A

This product not compatible with Cable bundled voice services.

Supports Windows® 10

Mac

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.

†6Gbps 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 link aggregated CM1100 Gigabit Ethernet ports is limited to 2Gbps. 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. This product not compatible with Cable bundled voice services.

For indoor use only.

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