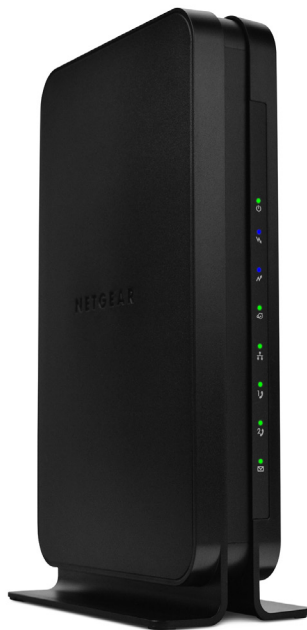


NETGEAR®

CM500V High Speed Cable Modem E-MTA—DOCSIS 3.0 16x4

Data Sheet - Preliminary

CM500V



High-Speed Internet Access up to 640 Mbps

The NETGEAR CM500V High Speed Cable Modem E-MTA provides a connection to high-speed cable Internet with speeds up to 640 Mbps[†].

The NETGEAR CM500V is a DOCSIS® 3.0, full feature modem with DOCSIS 3.0 Embedded Multimedia Terminal Adaptor (E-MTA) built-in. CM500V also delivers two lines of primary Voice over IP (VoIP) lines with 16x4 speeds. The CM500V also includes a Gigabit Ethernet port for even faster connected access and downloads, PacketCable compliance, and simple and easy CD-free installation.

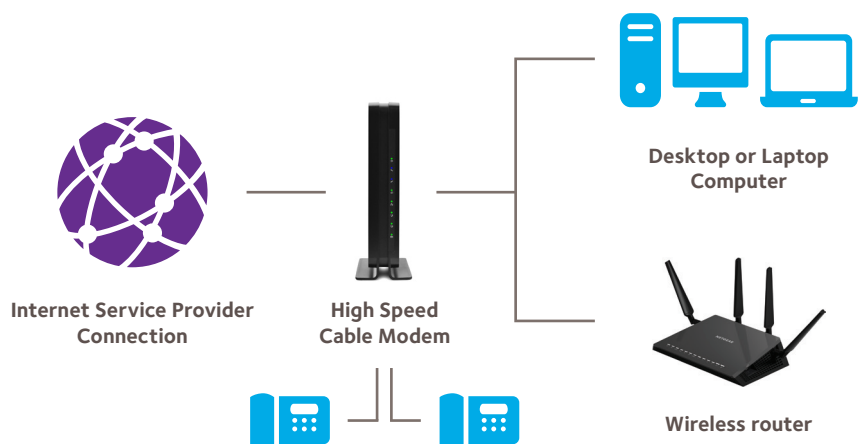
The NETGEAR Difference

- Gigabit Ethernet port
- Up to two lines of carrier-grade VoIP
- DOCSIS 3.0 16x4
- Supports IPv6
- Full-band capture
- Easy installation

Benefits

- High-speed cable Internet access—Up to 640 Mbps[†] for streaming HD videos, faster downloads, and high-speed online gaming
- 16x4 DOCSIS 3.0® speed
- CableLabs® certified platform
- Gigabit Ethernet port for faster access and downloads
- Two integrated telephony ports

Whole Home System



Features

- Up to 640 Mbps[†] download and upload
- Works with CableLabs specified Packet Cable standard
- PacketCable® 1.0 and 1.5 compliant
- Multiple Protocol Support: PacketCable (NCS) or Session Initiation Protocol (SIP)
- 1GHz downstream RF tuner
- Gigabit Ethernet port—Fastest wired speeds to connect your router or computer





CM500V High Speed Cable Modem E-MTA—DOCSIS 3.0 16x4

CM500V

Technical Specifications

System Requirements

- Cable broadband Internet service
- Microsoft® Windows® 7, 8, Vista®, Mac OS®, or other operating systems running a TCP/IP network
- Microsoft® Internet Explorer® 9.0, Firefox® 2.0, Safari® 1.4, or Google Chrome™ 11.0 browsers or higher

Physical Interfaces

- 1 Coaxial port for cable Internet
- 2 Voice ports
- 1 Gigabit Ethernet ports with auto-sensing technology

Power

- 12V/1.5A

Environmental Specifications

- Operating Temperature: 5–40 °C
- RoHS/REACH/WEEE Compliant

Network Management

- Genie® GUI Management

LEDs

- Power
- Downstream
- Upstream
- Online
- Ethernet
- Voice 1
- Voice 2
- Message

Advanced Features

- 16x4 3.0 Modem
- Download and upload speeds up to 640 Mbps
- IPv6
- Memory – 8 MB flash and 128 MB RAM
- One Gigabit Ethernet ports

Compliances

- DOCSIS 3.0
- Packetcable 1.5

Package Contents

- CM500V cable voice modem
- Power adapter