

NETGEAR®

MoCA® 2.0 to WiFi Extender – WM2500RP

Data Sheet – Preliminary

WM2500RP



High-speed MoCA 2.0-certified to WiFi for whole-home coverage

The NETGEAR WM2500RP is the industry's most advanced home wireless extender. Certified by the MoCA Alliance, the WM2500RP includes MoCA 2.0 and 802.11n connectivity, this helps minimize lag for advanced whole-home coverage services, such as HD video and home monitoring.

With MoCA 2.0 as the backbone, the WM2500RP enables high-bandwidth traffic to be seamlessly distributed across the end-users' home or office. With 802.11n technology, the data pipe is extended to provide whole-home coverage with built-in smart technology such as WPS, Auto SSID, and more.

The NETGEAR Difference

- Best-in-class integration of 11n WiFi with 500 Mbps MoCA 2.0 technology
- Industry-leading WiFi for whole-home coverage across walls and floors
- Comprehensive interoperability to work with any standard MoCA-compliant gateway or adapter

Benefits

- Simultaneous dual-band WiFi N600 Mbps access point extends high speed Internet access throughout your home walls and floors, via 500 Mbps MoCA 2.0 technology, for wireless devices like tablets, laptops and WiFi-enabled smartphones
- Gigabit Ethernet port provides an extra Ethernet port for optimum wired connection to a set-top box
- Plug-and-play allows easy set up in minutes; no configuration needed with Internet modem/gateway, no software to install
- Push 'N' Connect button ensures a quick and secure wireless network connection with any client (WPS)
- Push-and-Secure button secures the network connection with the touch of a button, no need to remember passwords
- NETGEAR Green features include power on/off buttons, automatic shutdown when not in use and 80% recycled packaging

Whole Home System



Features

- MoCA 2.0-certified – 1 coax port
- 1 Gigabit Ethernet port
- Dual-band N600 WiFi
- WPS button
- WiFi On/Off





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Technical Specifications

System Requirements

- MoCA 2.0 or MoCA 1.1 compliant network (Cable broadband, band D)

Physical Interfaces

- External "F" type Connector
- 1 port Gigabit Ethernet

Security

- MoCA: Network Privacy mode
- WiFi: WEP, WPA-PSK, WPA2-PSK

Power

- 12V/1.5A

Statistics (by LAN/WAN Port)

- Wireless traffic 5GHz
- Wireless traffic 2.4GHz
- MoCA
- LAN

LEDs

- Power
- WiFi 2.4GHz
- WiFi 5GHz
- Ethernet
- MoCA

Network Internet Layer

- TCP/UDP
- DHCP client/server
- Web server for management

WiFi

- Simultaneous Dual Band
- 2.4GHz 2x2, 11b/g/n
- 5GHz 2x2, 11a/g/n

Ease-of-use

- CD-less
- PUSH 'N' CONNECT – Easy push button WiFi connections

NETGEAR Green Features

- WiFi and Power On/Off – Convenient power savings

Compliances

- IEEE 802.11 a/b/g/n
- IEEE 802.3
- MoCA 2.0 or MoCA 1.1

Package Contents

- WM2500RP
- Power Adapter 12V/1.5A