

ZYXEL



WAP7205

Hybrid MU-MIMO AC1300 MoCA Extender

The Zyxel WAP7205 is a Hybrid MU-MIMO AC1300 MoCA Extender capable of concurrent data transfer rates of 400 Mbps* for 2.4 GHz and 867 Mbps* for 5 GHz for users to enjoy high-speed Internet via the existing reliable wires as well as to diminish dead zones effortlessly.

Benefits

MoCA 2.0 bonded Giga-grade for sustained and quality services in multi-floor without distance concern

The Zyxel WAP7205 is a wireless extender with MoCA 2.0 bonded designed as a wired backbone for reliable WiFi extension which waives the concern of decreasing performance due to distance and enables high-speed wireless coverage in multi-floor homes to deliver video streaming and online gaming services with guaranteed quality.



Speeds of up to 400 Mbps* at 2.4 GHz and 867 Mbps* at 5 GHz



Blazing-fast 802.11ac Wave 2 WiFi speeds at home



MoCA 2.0 bonded with speeds of up to 1.4 Gbps over coax wiring already in your home



WPS button for easy setup



Easy administration management for two-level configuration



Auto provisioning and remote management via TR-069/TR-098/TR-181



Dual images for reliable system recovery

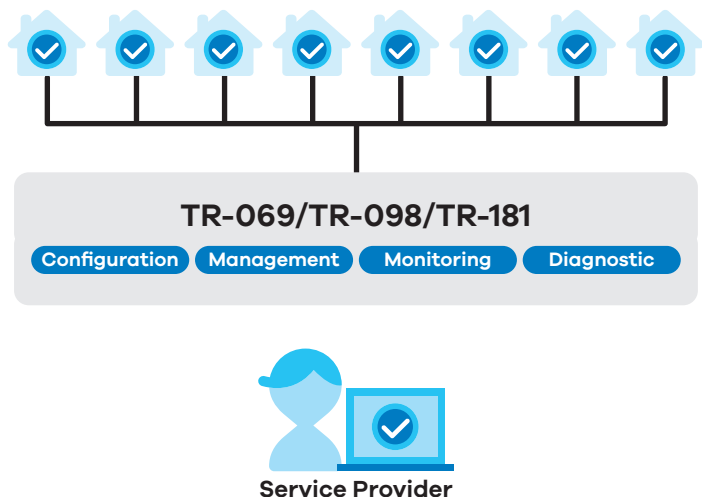
Optimize existing network with MU-MIMO Dual-Band 802.11ac

Even though there's no wireless router to support high-speed 802.11ac at home, you can still enhance the network performance with the Zyxel WAP7205 802.11ac Wave 2 to deliver wireless speeds up to 867 Mbps for 5 GHz and 400 Mbps for 2.4 GHz. The total concurrent throughput can be as high as 1300 Mbps to let you enjoy smooth Internet services and access lag-free online entertainment at home.



Auto provisioning and remote management via TR-069/TR-098/TR-181

The Zyxel WAP7205 is equipped with the TR-069/TR-098/TR-181 standard management specifications for service providers to remotely manage and configure devices without any end-user intervention. The feature offers a true "plug-and-play" experience while reducing deployment complexity to help saving OPEX for service providers.



Dual images for reliable system recovery

With dual images, you can perform reliable system recovery and easily maintain devices in case accidental issues occur and save cost by eliminating the need to call back the devices.



Easy, safe administration management with two-level configuration

The Zyxel WAP7205 provides two-level administration management that allows you to manage and configure devices with full privilege and parameters as end-users are only granted with partial administration rights for basic, user-friendly configuration options such as SSID setting with a responsive UI.



Specifications

System Specifications

MoCA Standard

- Support MoCA 2.0 bonded/2.0/1.1/1.0 version
- Modulations: 8/16/32/64/128/256/512/1024 QAM, BPSK, QPSK
- MoCA extender frequency:
 - 1150 to 1675 MHz (Full-D band)
 - 1350 to 1675 MHz (D-High band)

Wireless Standards

- Wireless IEEE 802.11 b/g/n 2.4 GHz
- Wireless IEEE 802.11 a/n/ac 5 GHz

Performance

- 400 Mbps* at 2.4 GHz
- 867 Mbps* at 5 GHz

Wireless Security

- WPA2-PSK, WPA2

Wireless Features

- WiFi Protected Setup (WPS)
- WiFi Multimedia (WMM)
- Auto channel selection
- Wireless output power management
- Multiple SSIDs up to 4
- MAC address filtering

MoCA Features

- Network search
- MoCA network security

Management

- Web GUI (HTTP/HTTPS)
- TR-069/TR-098/TR-181
- SNMP V1/V2
- Remote Firmware upgrade through GUI/TR-069
- 2-tier access and administration
- Customized factory default
- System diagnostics
- Telnet/SSH

Hardware Specifications

Interfaces

- Two 10/100/1000 Ethernet RJ-45 ports with auto MDI/MDIX support
- MoCA F connector

LED Indicators

- Power
- WiFi 2.4 GHz/WPS
- WiFi 5 GHz/WPS
- MoCA
- LAN LED on Ethernet ports

Buttons

- Power on/off
- WPS
- Reset

Power Consumption

- 12V DC, 1.5A
- 18 Watt max

Physical Specifications

- Item dimensions (WxDxH):
37 x 134 x 218 mm
(1.46" x 5.28" x 8.58")
- Item weight: 420 g (0.92 lb.)
- Packing dimensions (WxDxH):
321 x 187 x 101 mm
(12.63" x 7.36" x 3.97")
- Packing weight: 560 g (1.23 lb.)

Environmental Specifications

Operating Environment

- Temperature:
0°C to 40°C (32°F to 104°F)
- Humidity:
10% to 90% (Non-condensing)

Storage Environment

- Temperature:
-30°C to 70°C (-22°F to 158°F)
- Humidity:
10% to 95% (Non-condensing)

Certification

- IC
- FCC

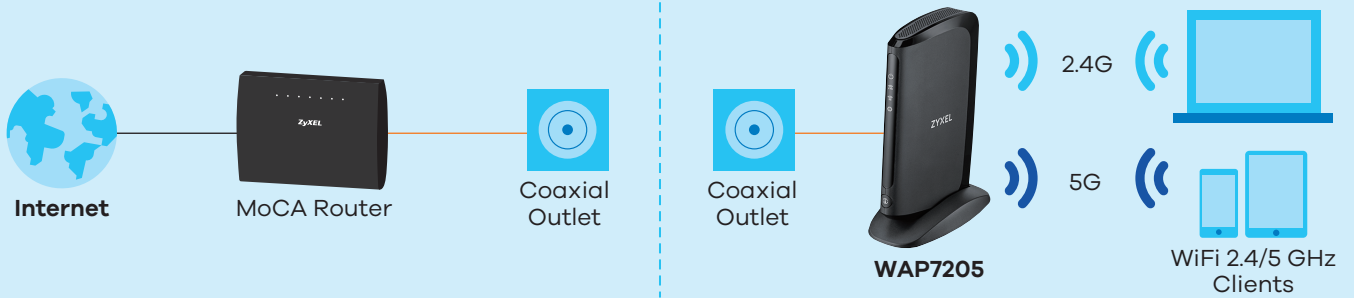
Package Contents

- Wireless extender
- Power adapter
- Ethernet cable
- Quick start guide

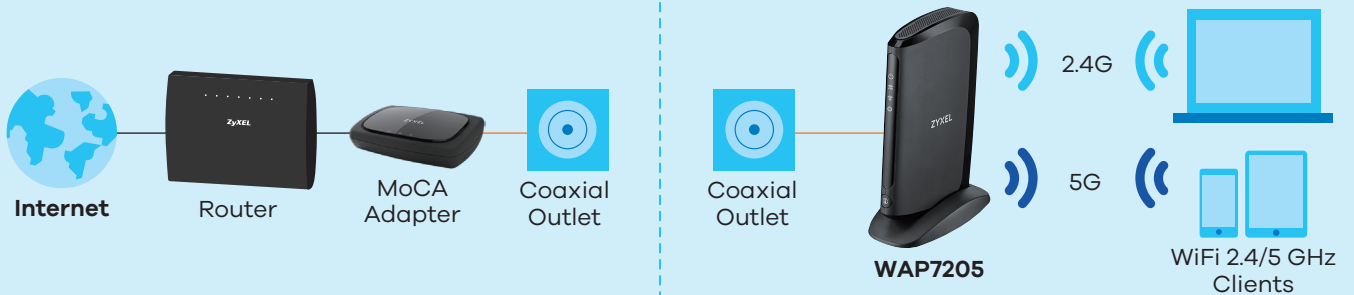
* The maximum wireless data transfer rate is derived from IEEE Standard 802.11 specifications. Actual data transfer rate will vary from network environment including: distance, network traffic, building site materials/construction, interference from other wireless devices, and other adverse conditions.

Application Diagram

Scenario 1

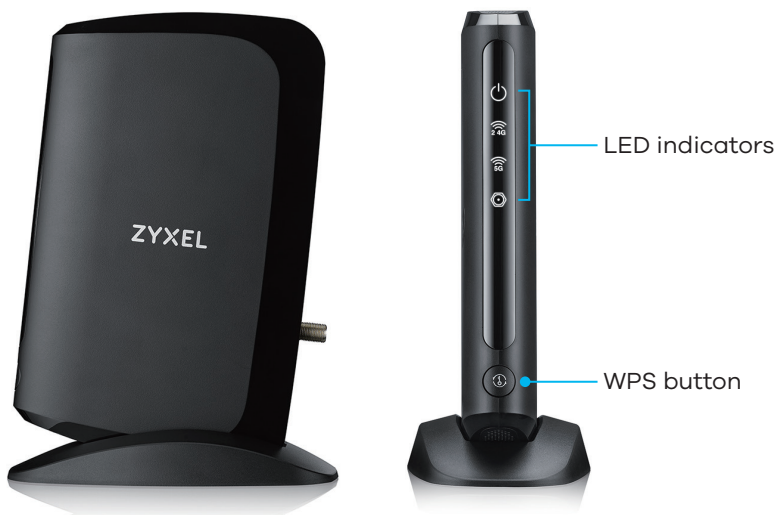


Scenario 2

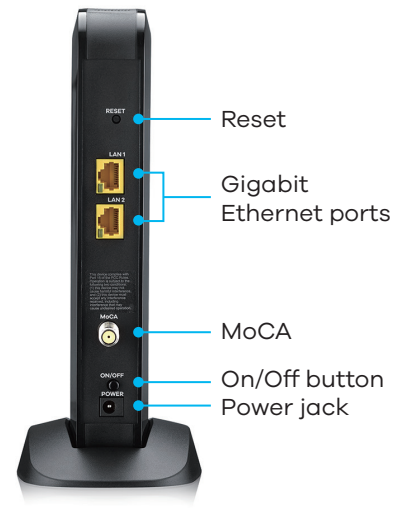


— Ethernet — Coaxial Cable () WiFi 2.4 GHz () WiFi 5 GHz

Front Panel



Rear Panel



For more product information, visit us on the web at www.zyxel.com

Copyright © 2017 Zyxel Communications Corp. All rights reserved. Zyxel, Zyxel logo are registered trademarks of Zyxel Communications Corp. All other brands, product names, or trademarks mentioned are the property of their respective owners. All specifications are subject to change without notice.

Datasheet [WAP7205](#)



5-100-00217011 09/17