ZYXEL

HLA4205
MoCA 2.0 Ethernet Adapter

The Zyxel HLA4205 MoCA 2.0 Ethernet Adapter is a coax home network adapter that turns the home coax cable into a 1.4 Gbps network backbone for every family member to experience high-speed network connectivity.

Benefits

Transform coax outlets to Gigabit Ethernet ports for home network extension

The Zyxel HLA4205 MoCA 2.0 Ethernet Adapter helps users build up a complete network environment with the existing coaxial infrastructure. The HLA4205 supplements the existing WiFi network with no extra cables required to extend the Internet service from one room to another.
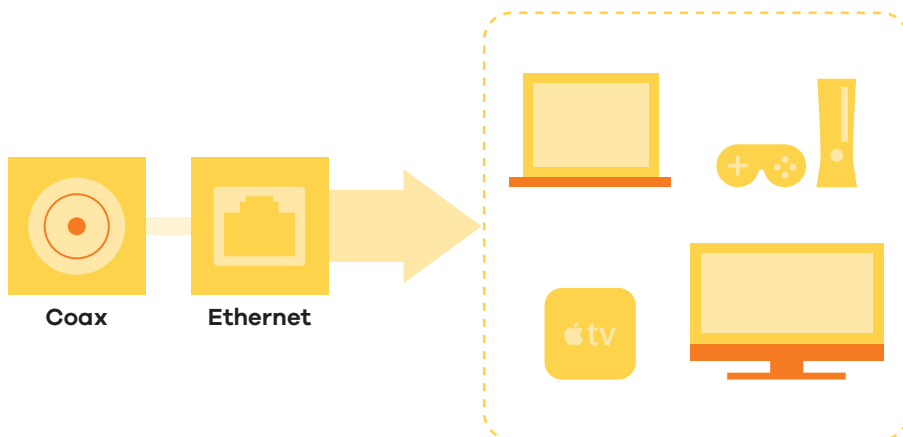
MoCA 2.0 Bonded supports for wired networks of up to 1.4 Gbps*

Blazing-fast Gigabit for multiple UHD application

Easy installation and use

Coax   **Ethernet**

Stable, blazing-fast Gigabit data transmission

The Zyxel HLA4205 adapter is designed for reliable, high-performance media network connectivity. With the latest MoCA 2.0 Bonded technology, it is easy to build a wired network with speeds of over 1 Gbps to fulfill the demands for multi Ultra HD streaming and online gaming at the same time.

Latest MoCA 2.0 Bonded technology

The Zyxel HLA4205 provides an ultra-fast connection with speeds up to 1.4 Gbps* taking advantage of Bonded MoCA 2.0, the latest MoCA technology. It is backward interoperable with MoCA 1.1 and MoCA 1.0.
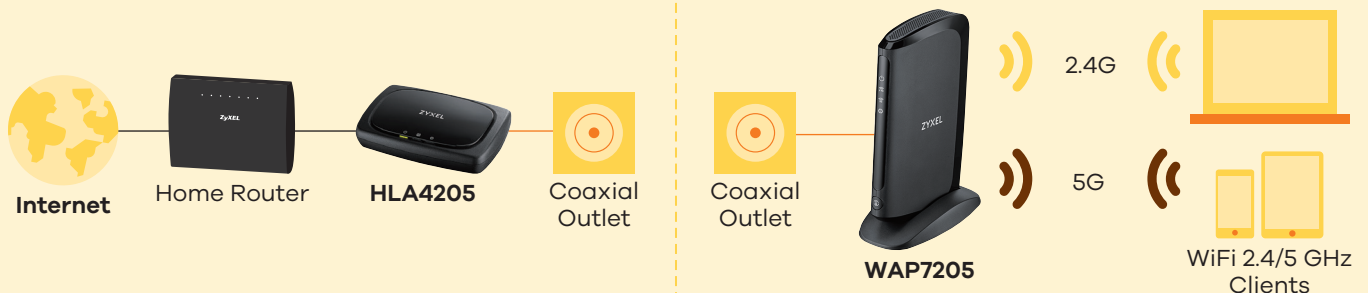
Application Diagram

Scenario 1

Internet — Home Router — **HLA4205** — Coaxial Outlet ⋮ Coaxial Outlet — **HLA4205** — Home PC or Set Top Box

Scenario 2

Internet — Home Router — **HLA4205** — Coaxial Outlet ⋮ Coaxial Outlet — **WAP7205** — 2.4G / 5G — WiFi 2.4/5 GHz Clients

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

Specifications

System Specifications

Network Standard
- MoCA 2.0 Bonded
- Backward interoperable with MoCA 2.0/1.1/1.0
- MoCA nodes: up to 16 devices
- IEEE 802.3 complaint 10/100/1000 Mbps
- IEEE802.3 az Energy Efficient Ethernet

Hardware Specifications
- LAN: One Gigabit Ethernet RJ-45 port with auto MDI/MDIX support
- Coaxial port: Two F-type coaxial connectors
- LED indicators:
  - Power
  - Ethernet
  - MoCA
- Power consumption:
  - 5V DC, 1A
  - 5 watt max

Physical Specifications
- Item dimensions (WxDxH):
  121 x 79 x 28 mm
  (4.76" x 3.11" x 1.1")
- Item weight: 126g (0.27 lb.)
- Packing dimension (WxDxH):
  146 x 120 x 83 mm
  (5.74" x 4.72" x 3.26")
- Packing weight: 313g (0.69 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)

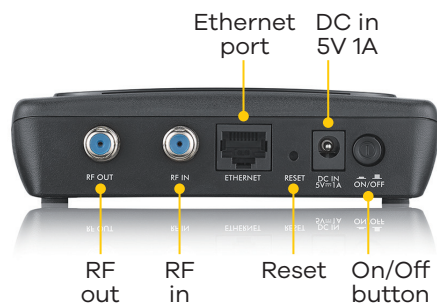## Certification
- FCC, ICES

Package Contents
- HLA4205
- Power adapter
- Ethernet cable
- Quick start guide

* The maximum data transfer rates of up to 1400 Mbps over coaxial in simultaneous transmission is derived from the MoCA 2.0 bonded specifications. Actual data transfer rates may vary from network conditions including cable length, network traffics, diplexer attenuation, and interference from other coax devices or other adverse factors.

Front Panel

ZYXEL

LED indicators

Rear Panel

Ethernet port

DC in 5V 1A

RF OUT   RF IN   ETHERNET   RESET   DC IN 5V 1A   ON/OFF

RF out   RF in   Reset   On/Off button

Datasheet HLA4205

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