



## Extend Gigabit Ethernet Connection Through Your Powerline!



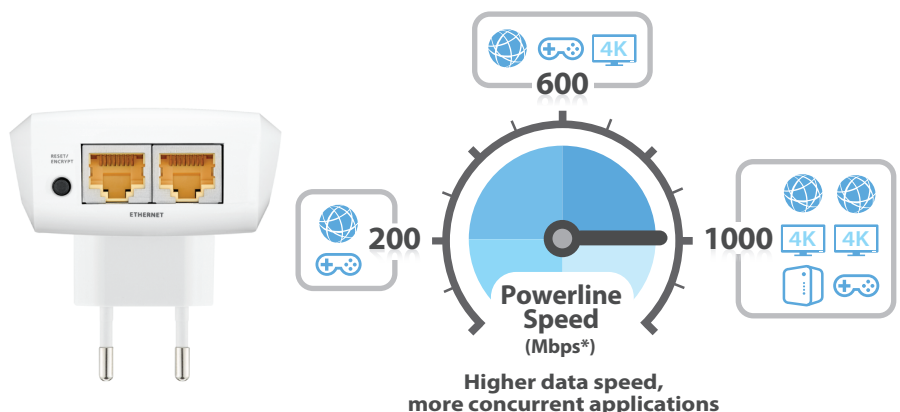
- Transform a power outlet into 2 Gigabit Ethernet ports for Internet routers, game consoles, smart TVs and much more!
- Enables a powerline network of up to 1000 Mbps
- Multi-color LED indicates powerline network quality
- Compliant with IEEE 1901 and HomePlug AV2 technology
- ZyXEL ONE Connect support

Stream your 4K video contents reliably, or play lag-free online games in comfort of your living room with the ZyXEL's PLA5206 v2, 1000 Mbps Powerline 2-Port Gigabit Ethernet Adapter. The ZyXEL's PLA5206 v2 features HomePlug AV2 technology that transforms your power outlets into a 1000 Mbps powerline network. Simply connect the PLA5206 v2 to your Internet gateway/router, and then connect another to a game console or networked set top box. It's just that easy!

### Benefits

#### Transform power outlets into Gigabit Ethernet ports

Once you plug the ZyXEL PLA5206 v2, 1000 Mbps Powerline 2-Port Gigabit Ethernet Adapter into any power outlet in your home, it instantly creates a speedy powerline network of up to 1000 Mbps. Plug another unit into any power outlet in your home and you have an instant Gigabit network!



**PLA5206 v2**  
1000 Mbps Powerline 2-Port  
Gigabit Ethernet Adapter

### Extend Gigabit Ethernet connection through your powerline

Transform a power outlet into 2 Gigabit Ethernet ports for Internet routers, game consoles, smart TVs, and much more! Stream your 4K video contents reliably or play lag-free online games in the comforts of your living room with the ZyXEL's PLA5206 v2 Gigabit Ethernet Adapter. Simply connect one powerline Ethernet adapter to your Internet gateway/router and connect another powerline Ethernet adapter to a game console or networked set top box, it's that easy!



### Quick, easy and secured setup

Just connect the ZyXEL PLA5206 v2 to an Internet gateway/router, and then connect another to an Internet-capable device, such as a video game console or a networked set top box, in the other room. Push the encrypt buttons on both devices and you get a secured powerline network! It's that easy!



### Excellent for 4K video streaming and online games

The ZyXEL PLA5206 v2 enables Gigabit-class speeds for your powerline network and it is great for delivering ultra high-definition 4K video streams to your favorite network television devices. Gain advantage over your opponents with little or no latency for all online games with ZyXEL's PLA5206 v2.

#### Step 1.

Plug into power outlet and connect to your router



#### Step 2.

Connect another Powerline to Smart TV



#### Step 3.

Enjoy high speed, stable connectivity!



### Green design product for low energy consumption

The ZyXEL PLA5206 v2 operates in the power-saving mode when there is no network activity, which allows it to save more than 80% of energy over similar devices.

### Specifications

#### System Specifications

##### Standard

- Compliant with HomePlug AV2
- IEEE 1901 and HomePlug AV standard

##### Powerline Data Rate

- Transmit: up to 1000 Mbps\*
- Receive: up to 1000 Mbps\*

##### Access Methods

- CSMA/CA channel-access schemes

##### HomePlug Modulation

- OFDM symbol modulation
- QAM 4096/1024/256/64/16
- QPSK, BPSK, ROBO carrier modulation schemes

##### Range

- Max. range up to 300 meters over powerline

##### Security

- 128-bit AES encryption

##### Quality of Service (QoS)

- Supports up to 4-level type QoS

##### Frequency Band

- 2 MHz to 86 MHz

##### IGMP

- IGMP v1/v2/v3

##### System Requirements

- Operating system independent:
  - Ethernet: RJ-45
- Utility software OS support:
  - Microsoft Windows XP/Vista/7/8/10

#### Hardware Specifications

- Ethernet interface: Two 10/100/1000 Mbps RJ-45 connectors with auto MDI/MDIX support
- LED indicators:
  - Powerline network quality:
    - Green: Best; Amber: Better; Red: Good
  - Ethernet link/activity
- Button:
  - Encrypt/Reset button
- Power rating: 100 to 240 V AC, 50/60 Hz
- Power consumption:
  - Full operation: 3.5 watt max.

#### Physical Specifications

- Item dimensions (WxDxH):
  - 63 x 30 x 93 mm (2.48" x 1.18" x 3.66")
- Item weight:
  - 120 g (0.26 lb.)(single pack)
  - 240 g (0.52 lb.)(twin pack)
- Packing dimensions (WxDxH):
  - 143 x 114 x 83 mm (5.63" x 4.48" x 3.26") (single pack)
  - 215 x 114 x 83 mm (8.46" x 4.48" x 3.26") (twin pack)
- Packing weight:
  - 298 g (0.66 lb.)(single pack)
  - 498 g (1.10 lb.)(twin pack)

#### 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

- Safety: CE-LVD, BSMI
- EMC: CE, FCC ICES, BSMI

#### Packing Contents

##### Single

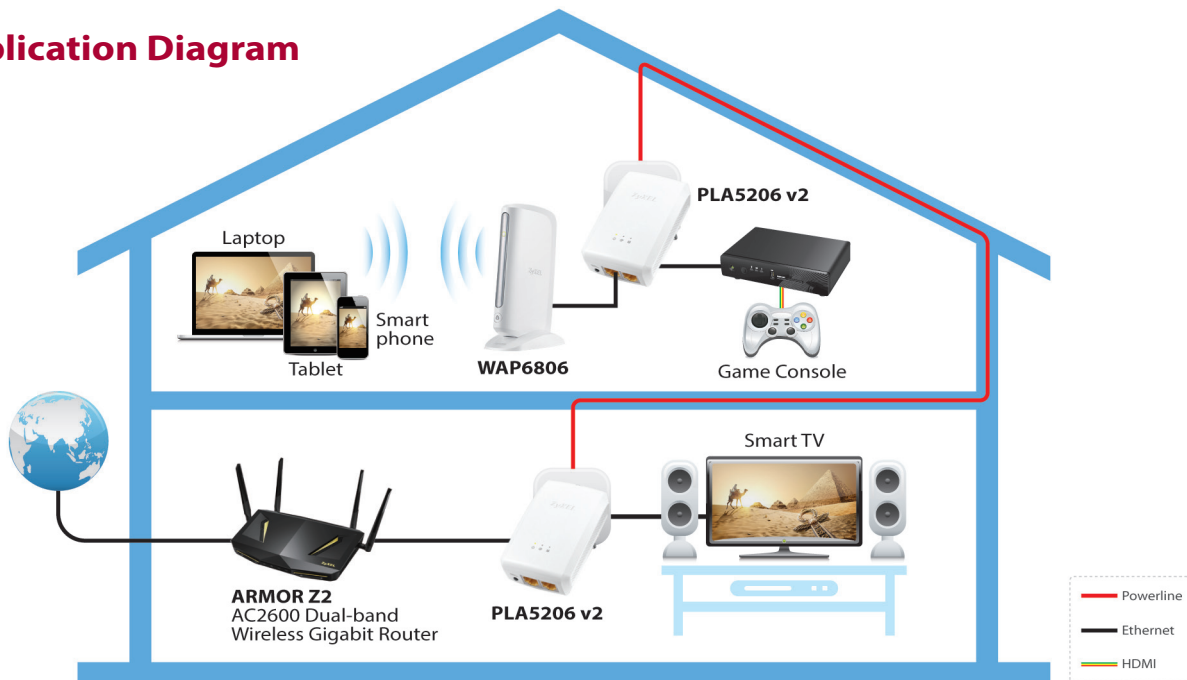
- 1 powerline Ethernet adapter
- 1 Ethernet cable
- Quick start guide (including warranty form)

##### Twin

- 2 powerline Ethernet adapters
- 2 Ethernet cables
- Quick start guide (including warranty form)

\*The theoretical maximum channel data transfer rate is derived from HomePlug AV2 specifications. Actual data transfer rate will vary from network environment including: distance, network traffic, noise on electrical wires, quality of electrical installation and other adverse conditions.

### Application Diagram





For more product information, visit us on the web at [www.ZyXEL.com](http://www.ZyXEL.com)



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