



Powerline and Coax Adapters

Powerline Ethernet Adapters
Powerline Wireless Extenders
HomePNA Ethernet Bridges

ZyXEL Powerline and Coax Adapters

Turn Your Power Lines or Coaxial Cables into a Smart Home Network

ZyXEL's broad line of Powerline adapters allow you to use your existing power outlets to create a fast and secure home network. You won't need to install new cables, which saves you time, money and effort. Your Powerline network will enable you to share your Internet connection as well as all your digital media content, so you can enjoy Broadband content anywhere in your home. In fact, Powerline extends your network to areas even wireless signals may not reach.

Wired LAN Adapter Product Portfolio

Wireless N
HD Powerline
Extender

PLA4231
500 Mbps Powerline Wireless N Extender



IEEE 1901
HD Powerline
Series



PLA4205
500 Mbps Powerline Gigabit Ethernet Adapter



PLA4215
500 Mbps Powerline Pass-Thru Gigabit Ethernet Adapter



PLA4225
500 Mbps Powerline 4-Port Gigabit Switch



PLA4201
500 Mbps Mini Powerline Ethernet Adapter



PLA4211
500 Mbps Mini Powerline Pass-Thru Ethernet Adapter

HomePlug AV
Powerline

PLA4101
200 Mbps Mini Powerline Ethernet Adapter



COMING SOON

PLA4111
200 Mbps Mini Powerline Pass-Thru Ethernet Adapter



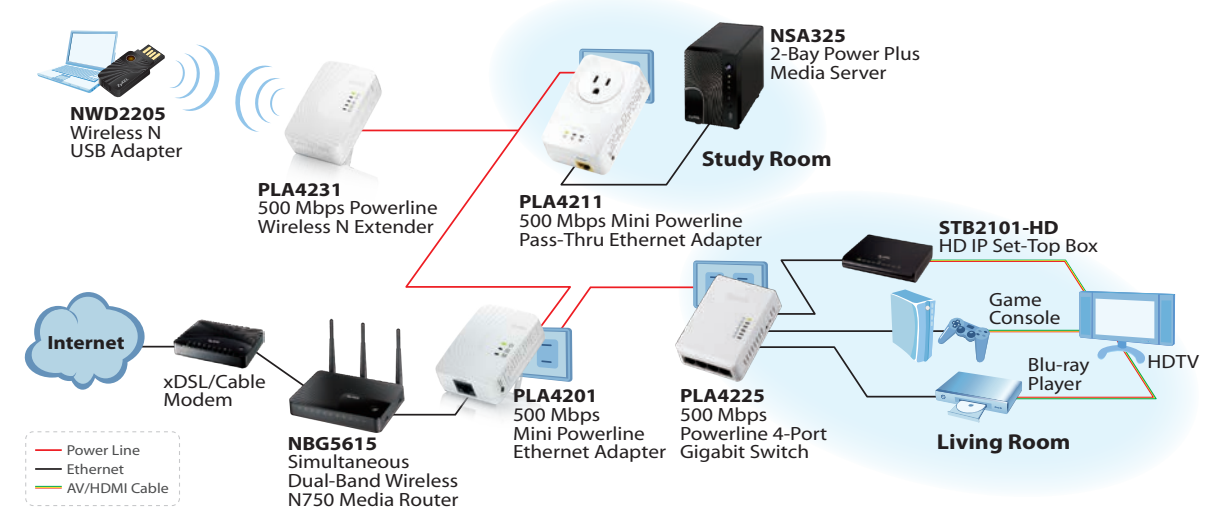
COMING SOON

HomePNA
Coaxial Bridge

HLA3105
HomePNA 3.1 Coax Ethernet Bridge



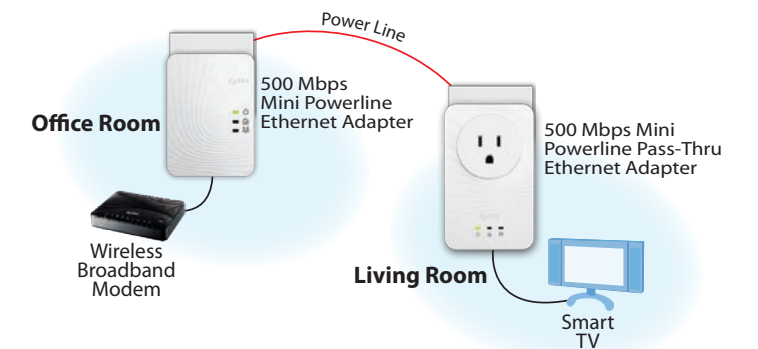
Powerline Home Network



Benefits of Wired LAN Adapter

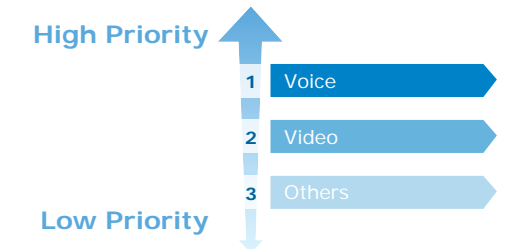
Plug-and-Play Design

Simply plug a ZyXEL Powerline Adapter into an outlet near your router and plug your router into it. Then plug another Adapter into an outlet anywhere within your home and a networkable device such as a printer or laptop into it, and you've created a network!



QoS for Multimedia Streaming

The advanced QoS features built into ZyXEL's Powerline Series are ideal for in-house distribution of HDTV and Web surfing. By prioritizing concurrent video, audio and data applications, QoS can effectively improve transmission performance.



Easy Security Set Up

Data transmission via ZyXEL's Powerline Series is protected with 128-bit AES encryption to provide secure connection to the Internet. Just push the encrypt button and within seconds, a secure network will be set up without the complicated procedures or lengthy calls to help desks.





PLA4205

500 Mbps Powerline Gigabit Ethernet Adapter

PLA4215

500 Mbps Powerline Pass-Thru Gigabit Ethernet Adapter

PLA4225

500 Mbps Powerline 4-Port Gigabit Switch

Power Up Your HD Media Network with Blazing Speed

- Plug-and-play for easy installation
- Data transfer rates of up to 500 Mbps* for video streaming and gaming
- Compliant with IEEE 1901, and HomePlug AV
- Gigabit Ethernet port provides faster wired connection
- QoS enhances media streaming quality

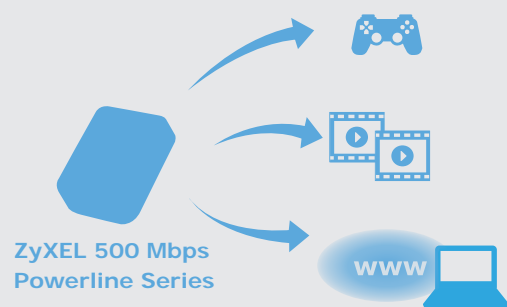
- AC pass-through design with extra power outlet (PLA4215)
- Embedded noise filter to reduce power interference (PLA4215)
- Simple connection to four media devices at one time (PLA4225)



Advantages

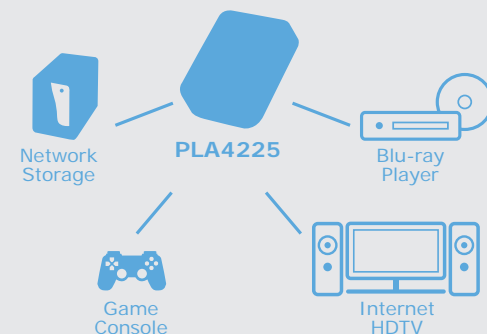
Enjoy stable HD videos and gaming

Powered by the latest IEEE 1901 technology, ZyXEL's 500 Mbps Powerline Series provides a stable high-performance network to enjoy multiple HD streams, multiplayer gaming and Web surfing simultaneously.



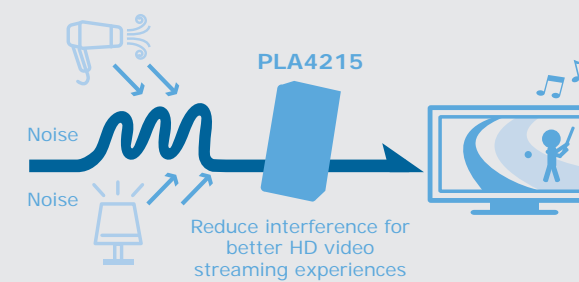
Connects multiple media devices

In combination with the Powerline Ethernet Adapter, the PLA4225 makes it convenient and easy to connect up to four media network devices, such as Internet HDTVs, Blu-ray™ players, DVRs, and game consoles, to the home network through any electrical outlets in every corner of your home.



Reduces power interference

The noise filter can effectively reduce noise levels generated by surrounding electronic equipment such as dryers, vacuum cleaners, lamps or mobile phone chargers plugged into the power outlets, ensuring clean and stable signal quality on the Powerline network.



Specifications

Network interfaces	One 10/100/1000 Mbps RJ-45 port with auto MDI/MDIX support (PLA4205/PLA4215) Four 10/100/1000 Mbps RJ-45 ports with auto MDI/MDIX support (PLA4225)
Powerline features	Compliant with IEEE 1901, HomePlug AV
Data transfer rate	Up to 500 Mbps* via power line, 1000 Mbps via Ethernet cable
Security	128-bit Advanced Encryption Security (AES)
QoS	Advanced QoS
Range	Up to 300 meters over power line
Special features	Multi-colored LED identifies powerline network quality, encrypt button for easy security setup, built-in extra power outlet and noise filter (PLA4215)
Green features	Power-saving mode
Dimensions (WxDxH)	71 x 65 x 95 mm (2.80" x 2.56" x 3.74")(PLA4205) 67 x 73 x 127 mm (2.64" x 2.88" x 5.00")(PLA4215) 76 x 72 x 108 mm (2.99" x 2.84" x 4.25")(PLA4225)

Powerline and Coax Adapters

Powerline Ethernet Adapters



PLA4201
500 Mbps Mini Powerline Ethernet Adapter

PLA4211
500 Mbps Mini Powerline Pass-Thru Ethernet Adapter

Upgrade Your Whole Home's Network Connectivity

- Plug-and-play, compact design
- Up to 60% improved performance by IEEE 1901 500 Mbps technology*
- QoS supports video streaming and network applications

- 128-bit AES encryption for network security (PLA4201)
- AC pass-through design with an extra power outlet (PLA4211)



Powerline and Coax Adapters

Powerline Ethernet Adapters



PLA4101
200 Mbps Mini Powerline Ethernet Adapter

PLA4111
200 Mbps Mini Powerline Pass-Thru Ethernet Adapter

Easy IPTV Streaming over Coaxial Networks

- Plug-and-play, compact design
- Compliant with HomePlug AV 1.1 200 Mbps technology*
- QoS supports video streaming and network applications

- 128-bit AES encryption for network security
- AC pass-through design with an extra power outlet (PLA4111)



PLA4201

PLA4211

Specifications

Network interfaces One 10/100 Mbps RJ-45 port with auto MDI/MDIX support

Powerline features Compliant with HomePlug AV
Compatible with IEEE 1901, HomePlug AV

Data transfer rate Up to 500 Mbps* via power line

Security 128-bit Advanced Encryption Security (AES)

QoS Advanced QoS

Range Up to 300 meters over power line

Special features Multi-colored LED identifies powerline network quality, encrypt button for easy security setup, built-in extra power outlet and built-in noise filter (PLA4211)

Green features Power-saving mode

Dimensions (WxDxH) 50 x 60 x 70 mm (1.97" x 2.36" x 2.75")(PLA4201)
64 x 39 x 102 mm (2.52" x 1.54" x 4.02")(PLA4211)

PLA4101

PLA4111

Specifications

Network interfaces One 10/100 Mbps RJ-45 port with auto MDI/MDIX support

Powerline features Compliant with HomePlug AV
Compatible with IEEE 1901

Data transfer rate Up to 200 Mbps* via power line

Security 128-bit Advanced Encryption Security (AES)

QoS Advanced QoS

Range Up to 300 meters over power line

Special features Multi-colored LED identifies powerline network quality, encrypt button for easy security setup, built-in extra power outlet and built-in noise filter (PLA4111)

Green features Power-saving mode

Dimensions (WxDxH) 50 x 60 x 70 mm (1.97" x 2.36" x 2.75")(PLA4101)
64 x 39 x 102 mm (2.52" x 1.54" x 4.02")(PLA4111)



PLA4231

500 Mbps Powerline Wireless N Extender

Extend Your HomeNetwork Wirelessly

- Easily extends home network wirelessly through powerline
- Plug-and-play design
- Up to 60% improved performance by IEEE 1901 500 Mbps technology*

- QoS enhances media streaming quality
- Simple setup with the easy-to-use wizard and WPS button
- Power on/off switch enables easy energy saving



PLA4231

Specifications

Network interfaces	Two 10/100 Mbps RJ-45 connectors with auto MDI/MDIX support
Wireless/Powerline features	802.11 b/g/n compliant with data transfer rates of up to 300 Mbps* Compliant with IEEE 1901, HomePlug AV
Data transfer rate	Up to 300 Mbps* via wireless network Up to 500 Mbps* via power line
Security	128-bit Advanced Encryption Security (AES)
QoS	Advanced QoS
Range	Up to 300 meters over power line
Special features	Multi-colored LED identifies powerline network quality, encrypt button for easy security setup, built-in extra power outlet
Green features	Power on/off switch
Dimensions (WxDxH)	99 x 60 x 37 mm (3.9" x 2.36" x 1.46")



HLA3105

HomePNA 3.1 Coax Ethernet Bridge

Hassel-free IPTV Streaming over Coaxial Networks

- Plug-and-play design
- Converts Ethernet to/from coaxial wirings
- HPNA3.1 (ITU G.9954) compliant, data transfer rates of up to 320 Mbps*
- Two F-type coaxial connectors with internal filters for reducing signal interface to the legacy TV









HLA3105

Specifications

Network interfaces	One 10/100 Mbps RJ-45 port with auto MDI/MDIX support
Coaxial interfaces	Two F type coaxial connectors
Coaxial features	Compliant with HomePNA 3.1
Data transfer rate	Up to 320 Mbps* via coaxial cable, 100 Mbps via Ethernet cable
Security	128-bit Advanced Encryption Security (AES)
QoS	Advanced QoS
Range	Up to 1000 meters over coaxial cable
Special features	Multi-colored LED identifies coaxial network quality
Dimensions (WxDxH)	112 x 106 x 29 mm (4.41" x 4.17" x 1.14")

Powerline and Coax Adapters

Powerline and Coax Adapter Feature Matrix


Model	PLA4231	PLA4225	PLA4215	PLA4205	PLA4211	PLA4201
Description	 500 Mbps Powerline Wireless N Extender	 500 Mbps Powerline 4-Port Gigabit Switch	 500 Mbps Powerline Pass-Thru Gigabit Ethernet Adapter	 500 Mbps Powerline Gigabit Ethernet Adapter	 500 Mbps Mini Powerline Pass-Thru Ethernet Adapter	 500 Mbps Mini Powerline Ethernet Adapter
System Overview						
Standard	IEEE 1901/HomePlug AV	IEEE 1901/HomePlug AV	IEEE 1901/HomePlug AV	IEEE 1901/HomePlug AV	IEEE 1901/Compliant HomePlug AV	IEEE 1901/Compliant HomePlug AV
PHY Rate*	500 Mbps	500 Mbps	500 Mbps	500 Mbps	200 Mbps	200 Mbps
Wi-Fi Standard**	802.11 b/g/n (300 Mbps)	-	-	-	-	-
Key Features						
Plug-and-Play Design	Wallmount type	Wallmount type	Wallmount type	Wallmount type	Wallmount type	Wallmount type
QoS	Yes	Yes	Yes	Yes	Yes	Yes
Built-in Noise Filter	-	-	Yes	-	-	-
LED Indicators to Identify Powerline Link/Quality	Yes	Yes	Yes	Yes	Yes	Yes
Hardware						
Ethernet Port	2	4 (Gigabit)	1 (Gigabit)	1 (Gigabit)	1	1
Coaxial Connector	-	-	-	-	-	-
Power Outlet	-	-	1	-	1	-
Encrypt Button	Yes	Yes	Yes	Yes	Yes	Yes
WPS Button	Yes	-	-	-	-	-
Power Button	Yes	-	-	-	-	-
Security						
128-bit AES	Yes	Yes	Yes	Yes	Yes	Yes
Green Features						
Power-Saving Mode	Yes	Yes	Yes	Yes	Yes	Yes

* The theoretical maximum channel data transfer rate is derived from IEEE1901/HomePlug AV/HomePNA 3.1 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.

** 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.

Powerline and Coax Adapters

Powerline and Coax Adapter Feature Matrix

Model	PLA4111	PLA4101	HLA3105
Description	 200 Mbps Mini Powerline Pass-Thru Ethernet Adapter	 200 Mbps Mini Powerline Ethernet Adapter	 HomePNA 3.1 Coax Ethernet Bridge
System Overview			
Standard	HomePlug AV	HomePlug AV	HomePNA 3.1
PHY Rate*	200 Mbps	200 Mbps	320 Mbps
Wi-Fi Standard**	-	-	-
Key Features			
Plug-and-Play Design	Wallmount type	Wallmount type	Desktop type
QoS	Yes	Yes	Yes
Built-in Noise Filter	-	-	Yes
LED Indicators to Identify Powerline Link/Quality	Yes	Yes	Yes
Hardware			
Ethernet Port	1	1	1
Coaxial Connector	-	-	2
Power Outlet	1	-	-
Encrypt Button	Yes	Yes	-
Ethernet Port	-	-	-
Coaxial Connector	-	-	-
Security			
128-bit AES	Yes	Yes	Yes
Green Features			
Power-Saving Mode	Yes	Yes	-

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