

# HOMEPLUG AV



Where there is a Socket, where there is **WIFI**

Powerline & WI-FI dual technology make perfect internet coverage

## HomePlug Wireless-N Extender

Good Mobility and Expansibility



## 7WHP215

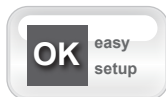
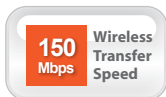
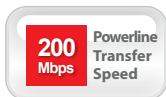
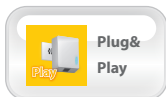
200Mbps

### HomePlug Wireless-N Extender

The 7inova 7WHP215 200Mbps HomePlug Wireless-N Extender is an Ethernet wallmount adapter which transforms your home power circuit into a networking infrastructure and a WLAN connection, with transmitting data up to 200Mbps Powerline link rate and 150Mbps across wireless(802.11n). It provides a secure, stable Internet connection in places where wireless signals don't reach, suitable and secure for use in a wide range of both in home and commercial network applications.

Built-in Quality of Service (QOS) for homeplug also provides the necessary bandwidth for full multimedia home networking including Broadband TV (IPTV), higher data rate broadband sharing, triple-play applications, Network camera connectivity, VoIP Telephony, Wireless LANs coverage, Audio-Video transmission across the network.

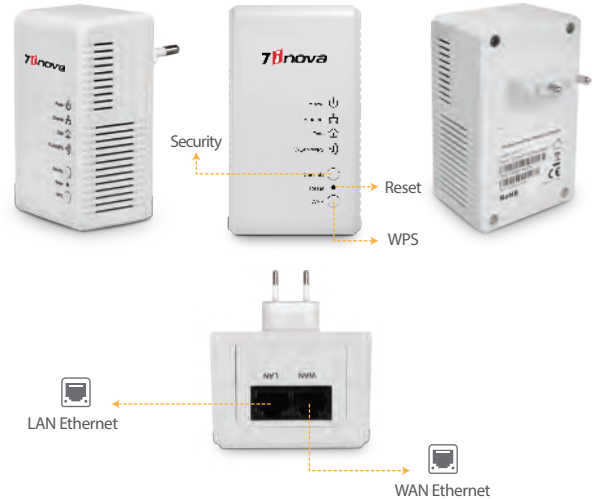
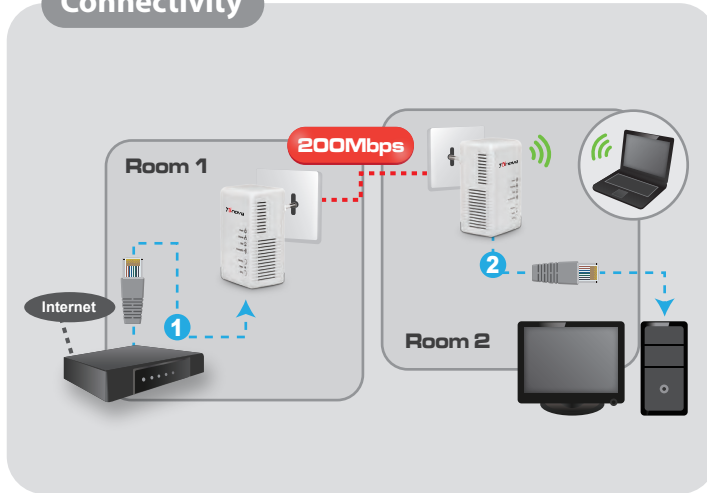
No any installation, just connect the 7WHP215 to PC by Ethernet cable, plug it into the power outlet, pushing the Pair button, you can set up a hassle-free Powerline network within minutes then. It is so simple.



# More stable network, No drop, No disconnect

200M Powerline & 150M Wireless dual channels transmission.

## Connectivity



## Features:

Connect a computer, HDTV, VOIP or gaming console. Just plug it in and you're ready to go.

Plug 'n' Play: no new wires, no software installation, no configuration required.

200Mbps Powerline link rate and 150Mbps across wireless(802.11n) transfer speed, perfect for HD IPTV streaming.










Data transfer range up to 200meter over powerline and 300meter via wireless.

Easily connect by Pair button and WPS button secure your network with push button security.

Built-in QoS assures the quality of bandwidth sensitive applications.

Instant indication of PLC network bandwidth through LED.

## APPLICATIONS

-  Audio & Video transmission across the home for multiroom services
-  Multiple High Definition (HD) and Standard Definition (SD) video programs
-  PC files and applications sharing
-  Voice over IP calls
-  Printers, NAS and peripherals sharing
-  Remote diagnostic and management of inhome PLC network
-  High Speed Internet access sharing
-  Network connection of online gaming console
-  Network camera for distant home video surveillance



## Physical Information

Casing Color: White  
 Physical Dimensions: L:105 x W:63 x D:49 mm  
 Unit weight: 185 grams  
 External Connectors: Security, WPS, Reset, Power Switch(Optional)  
 1 x WAN Port, could be configured to LAN Port  
 1 x Power Plug; 1 x LAN Port

LED Indicators: 1 x Power; 1 x LAN1; 1 x LAN2; 1 x Data; 1 x WLAN  
 Buttons: 1 x Security; 1 x WPS; 1 x Reset;  
 1 x Power Switch(Optional)  
 Accessories: 1 x Ethernet Cable 1m; 1 x QIG manual; 1 X CD

## Technical Specifications

### Powerline

**Standards:**  
HomePlug AV  
Ethernet : IEEE 802.3 10/100 Auto MDI/MDIX

**Protocol:**  
CSMA/CA over powerline in your home

**Modulation Technology:**  
4096/1024/256/64/16/8-QAM,QPSK,BPSK and ROBO

**Data Transfer rate:** Up to 200Mbps

### Transmission Range:

Up to 200meter

### Frequency band:

2Mhz to 30Mhz

### Security & Protection:

128-bit AES encryption  
(enabled with Simple Connect button)

**Power Consumption:** 6.5Watt

### Operating System:

Windows 98SE/ME/2000/2003/XP/Vista,  
Windows7, Linux, Mac OS

**Wireless Output Power:** <20dBm

### Temperature:

Operating: 0° to 40° Celsius  
Non-Operating : -25° to 70° C

### Wireless

**Standards:** IEEE 802.11b/g/n

**Protocol:** CSMA/CA,EDCA

### Modulation Technology:

11b: CCK, DQPSK, DBPSK  
11g: 64 QAM, 16 QAM, QPSK, BPSK  
11n: 64 QAM, 16 QAM, QPSK, BPSK

**Data Transfer rate:** Up to 150Mbps

### Transmission Range:

Up to 300meter

### Frequency band:

2.4GHz~2.484GHz

### Security & Protection:

WEP, WPA, WPA2, WPA-PSK/  
WPA2-PSK Encryption

**Power Requirement:** AC 100 ~240V, 50~60Hz

### Humidity:

Operating: 10%~90%, Non-condensing  
Non-Operating : 5%~90%, Non-condensing

**NOTE :** Specifications subject to change without prior notice.



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