



## Plug-and-Play Extension for Better Wireless Coverage

N300

- Expand wireless coverage of the existing 802.11 b/g/n networks
- Compact wall-mount design for convenient deployments
- Simple setup with the easy-to-use wizard and WPS button
- Online firmware upgrade service for convenient feature enhancements
- Signal strength LED indicates the best setup location
- Ethernet port to connect wired devices and the wireless network
- Power on/off switch for easy energy savings
- Easily install and manage by ZyXEL OneConnect™

Designed as a user-friendly alternative to complicated, unsightly network extension options, the ZyXEL WRE2205 v2 Wireless N300 Range Extender makes expanding the range of your 802.11 b/g/n wireless network fast and easy. Just plug the unit into a power outlet and the LED light will indicate signal strength, so you can place it in the most suitable spot. The One-click Wi-Fi Protected Setup (WPS) setup makes installation even more frustration-free while the built-in Ethernet port provides instant network access to wired devices.

### Benefits

#### Expand wireless coverage easily

Compatible with 802.11 b/g/n wireless networks, the ZyXEL WRE2205 v2 helps extending and broadening the wireless network coverage of your home. It allows you to enjoy video streaming, gaming and Web browsing with tablets, laptops or smart phones anywhere at home without dead spots.

#### Compact wall-mount design for convenient deployments

The device has been designed to allow flexible deployments, giving you the best wireless coverage and performance as well as eliminating the need for unsightly wires. Additionally, the ZyXEL WRE2205 v2 offers an LED light to indicate the signal strength for optimal Wi-Fi coverage. You can install it at the location with the strongest wireless signal to extend wireless coverage and enjoy your high-speed wireless network throughout your home in minutes.

#### Set up your secured wireless network easily

The ZyXEL WRE2205 v2 uses a WPS button and an easy setup wizard feature to connect and extend your access point. It takes only a click of a button to set up a secured wireless network throughout the house.

#### Online firmware upgrades service

The ZyXEL WRE2205 v2 provides an online firmware upgrade service so you can easily improve your device as new enhancements become available. Stay up-to-date with the latest firmware for the optimal performance.

#### Energy efficient

The ZyXEL WRE2205 v2 includes an ON/OFF switch so you can power it down when not in use to save money.

#### ONE Connect Wi-Fi Sync

Quickly sync all Wi-Fi settings to have a one wireless network, enabling you to seamlessly roam without keying in another wireless network.

**WRE2205 v2**  
Wireless N300  
Range Extender



Power On/Off  
Switch



Wireless  
Output  
Management



Easy Wireless  
Extension



Compact,  
Maximum  
Portability



Simple & Quick  
Setup



ZyXELoneconnect



## Specifications

### System Specifications

#### Wireless Standard

- 802.11 b/g/n

#### Wireless Transfer Rate

- Receive: 300 Mbps\*
- Transmit: 300 Mbps\*

#### Wireless Security

- 64/128 bit WEP, WPA-PSK/WPA2-PSK




#### Wireless Features

- Universal repeater mode
- Wi-Fi Protected Setup (WPS)
- Wi-Fi Multimedia (WMM)
- Wireless output power management
- MAC address filtering
- Online firmware upgrade

### Hardware Specifications

- LAN: One 10/100 Mbps Ethernet RJ-45 port with auto MDI/MDIX support
- LED indicators:
  - Signal strength
  - Wireless
  - Power
  - WPS
  - Ethernet
- Two 2 dBi internal antennas

#### Button/Switch:

- WPS button
- Power on/off switch
- Power rating: 100 V - 240 V AC 50/60 Hz
- Power consumption: 3 watt max.
- Plug type:
  -  • EU type: Two pins for EU 220 V to 230 V
  -  • US type: Two pins for US 120 V
  -  • UK type: Three pins for UK 240 V

### Physical Specifications

- Item dimensions (WxDxH):
  - EU type: 46 x 79 x 73 mm (1.81" x 3.11" x 2.87")
  - US type: 46 x 64 x 73 mm (1.81" x 2.51" x 2.87")
  - UK type: 48 x 71 x 73 mm (1.89" x 2.79" x 2.87")
- Item weight: 85 g (0.18 lb.)
- Packing dimensions (WxDxH): 155 x 75 x 135 mm (6.10" x 2.95" x 5.31")
- Packing weight: 250 g (0.55 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

- Safety: CE LVD
- EMC: CE, FCC
- Others: Wi-Fi b/g/n, WMM, WPS

### Package Contents

- Wireless range extender
- Ethernet cable
- Quick start guide
- Warranty card
- Support CD

\*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



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



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