

ZYXEL



WRE2206

Wireless N300 Range Extender

Zyxel WRE2206 Wireless N300 Range Extender extends your existing home wireless network to areas with unreliable signals. The WRE2206 is optimized for the best Wi-Fi experience and delivers up to 30% better coverage than ordinary Wi-Fi extenders with its power amplified antennas. The one-touch WPS button makes it simple to extend your existing Wi-Fi network, while the LED indicator helps you find the best location for the extender.

Benefits

Power boosted internals for better coverage

The Zyxel WRE2206 provides improved wireless coverage by power boosting its wireless signals.



Up to 30% wireless coverage enhanced by power strengthen



WPS button for fast, easy setup of your Wi-Fi extender



LED signal quality indicators to find the best location for installation



Compact wall-mount design for easy placement and unobtrusive design



Works with the existing 802.11 b/g/n wireless routers and access points



Automatic firmware update for further performance enhancements

Simple to setup

Zyxel WRE2206 now features a better designed setup process for your Wi-Fi network. Just plug the range extender in and push its WPS button, then push the WPS button on your router or access point — and just like that, you've successfully extended your Wi-Fi network.



LED indicator for the best location to extend your wireless network

Where you install the extender makes a real difference. We've created an LED indicator to help you find the best place to install the extender, and optimize its performance. Plus, with the same LEDs, Zyxel WRE2206 shows you how many devices are connected to the extender and gives you an indication how this will affect performance.



Compact design for easy, unobtrusive placement

Easily plug in the wireless extender without messy wiring like typical access points. Keep your home looking clean with its unobtrusive design.



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

WLAN Features

- 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
 - Power/WPS
 - Client connect indicator
- Two 2 dBi internal antennas
- Button/Switch: WPS button
- Power rating: 100 V to 240 V AC 50/60 Hz
- Power consumption: 3 watt max.

Physical Specifications

- Item dimensions (WxDxH): 54.8 x 45.2 x 77.8 mm (2.16" x 1.78" x 3.06")
- Item weight: 68 g (0.15 lb.)
- Packing dimensions (WxDxH): 138 x 122 x 95 mm (5.43" x 4.80" x 3.74")
- Packing weight: 243 g (0.54 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)

Certifications

- Safety: CE LVD
- EMC: CE, FCC

Package Contents

- Wireless range extender
- Ethernet cable
- Quick start guide (including warranty form)

* 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.

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Your Networking Ally

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Datasheet [WRE2206](#)



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