EDIMAX
NETWORKING PEOPLE TOGETHER

3 in 1
Range Extender
Access Point
Wi-Fi Bridge
Switch mode at will!

WPS

Eliminate Wi-Fi Dead Zones

iOS **Android**
Smart App Control for
iOS & Android Phones

Signal LED indicator

WWW
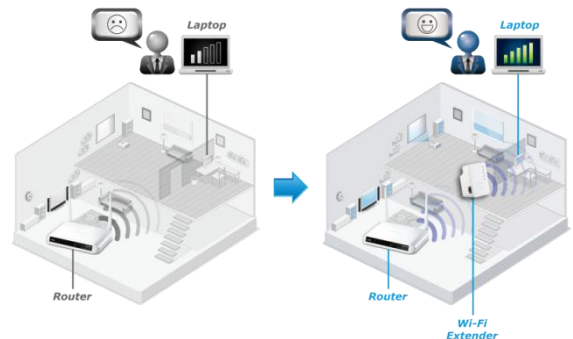Easy Browser-Based
Setup, No CD Required

EW-7438RPn Mini

N300 Mini Wi-Fi Extender/Access Point/Wi-Fi Bridge

The Edimax EW-7438RPn Mini Wi-Fi Extender is a Wi-Fi extender with built-in power adapter in a compact design which can be plugged directly into an electrical outlet. The ES-7438RPn Mini comes with an intuitive iOS & Android smartphone companion app for controlling the Wi-Fi schedule and guest network. Convenient placement allows you to increase the signal coverage of your Wi-Fi network for better Wi-Fi quality. Featuring smart iQ Setup, installation is quick and easy and the EW-7438RPn Mini features 3-in-1 Wi-Fi extender, access point or wireless bridge operating modes. Just configure the mode you need for your network environment. Additionally, it complies with wireless 802.11b/g/n standards and provides data transmission rates of up to 300Mbps. With the Edimax EW-7438RPn Mini, you can enjoy high-speed wireless networking throughout your home without additional cabling.
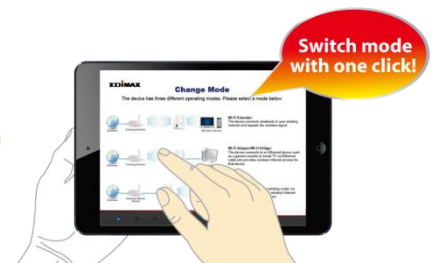
Eliminate Wi-Fi Dead Zones & Double The Wi-Fi Coverage With Ease
Plug the extender directly into an electrical outlet and the Edimax EW-7438RPn Mini can easily extend Wi-Fi coverage to dead zones which your existing Wi-Fi signal can't reach and increase the signal coverage of your Wi-Fi network for better Wi-Fi quality.

Laptop
Laptop
Router
Router
Wi-Fi Extender

Smart 3-in-1 Extender, Access Point And Wireless Bridge
The EW-7438RPn Mini can work as Wi-Fi extender, access point or wireless bridge. Just configure the mode you need for your network environment using the smart iQ Setup wizard and enjoy surfing the web.

3 in 1
Range Extender
Access Point
Wi-Fi Bridge
Switch mode at will!

Switch mode with one click!
Change Mode

Smart App Control & Analytics
The extender works together with our free EdiRange smartphone app which displays your local Wi-Fi environment and provides easy-to-understand analytics. Plus you can manage the extender's wireless network and functions such as scheduling and guest network.

ANDROID APP ON
Google play
Download on the
App Store

EDIMAX
EdiRange

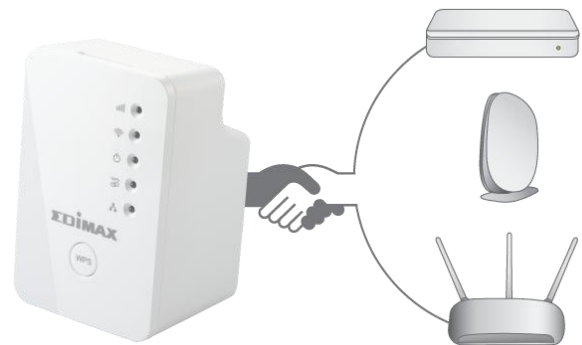# N300 Mini Wi-Fi Extender/Access Point/Wi-Fi Bridge

EW-7438RPn Mini

Compact, Slim Wall Plug Design

Plugs directly into an existing electrical socket – no need for an additional power cable. Not only is the Edimax EW-7438RPn Mini slim and compact, it is designed with a built-in power adapter. This allows you to plug it directly into an electrical outlet, eliminating the need for an additional power cable. You can easily install it where your Wi-Fi signal needs enhancement and enjoy high-speed wireless performance without any hassles.
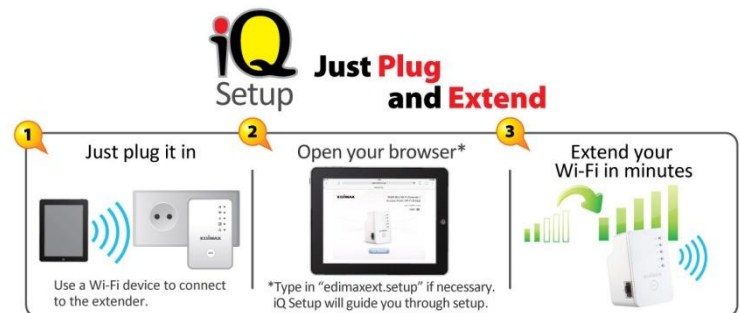
Works With Any Wireless Router

Universal compatibility and easy web-based iQ Setup for quick and easy installation.

Smart iQ Setup

Features user-friendly browser-based iQ Setup for smart, automatic and quick installation. iQ Setup automatically detects the available Wi-Fi networks nearby and helps you establish a connection within seconds.

iQ Setup — Just Plug and Extend

1. Just plug it in — Use a Wi-Fi device to connect to the extender.
2. Open your browser* — *Type in "edimaxext.setup" if necessary. iQ Setup will guide you through setup.
3. Extend your Wi-Fi in minutes

Quick And Easy WPS Installation

A WPS (Wi-Fi Protected Setup) button allows the EW-7438RPn Mini to join an existing wireless networking at the simple push of a button.
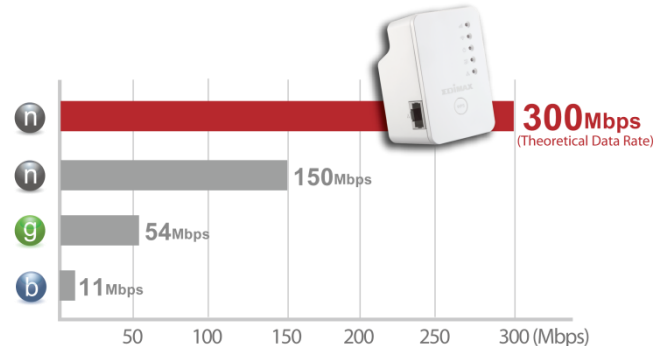
N300 Mini Wi-Fi Extender/Access Point/Wi-Fi Bridge

EW-7438RPn Mini

Wireless 802.11n Standard (Data Rates Up To 300Mbps)

802.11n technology is built into the EW-7438RPn Mini to broaden its wireless coverage and eliminate dead spots within wireless range. The EW-7438RPn Mini is also backward compatible with wireless 802.11b/g/n standards and can reach data transmission rates of up to 300Mbps when connected to wireless 802.11n devices, providing faster and more reliable wireless connections than standard 802.11b/g wireless networks.

300Mbps (Theoretical Data Rate)
150Mbps
54Mbps
11Mbps

50   100   150   200   250   300 (Mbps)

802.11n VS 802.11b/g Data Transmission Rates

Wi-Fi Scheduling*

The Wi-Fi scheduling function lets you program intelligent schedules to manage Wi-Fi availability and power usage according to your home's routine. (*Wi-Fi extender mode only)

Guest Network*

The EW-7438RPn Mini also features a guest wireless network which could be used for visitor and keep your home Wi-Fi private and secure. (*Wi-Fi extender mode only)
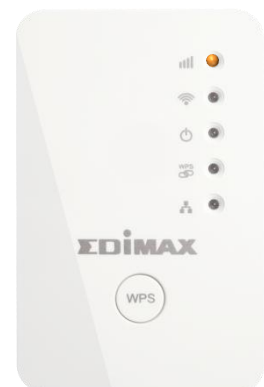
Guest Wi-Fi   Private Security

Signal Strength LED Indicator

Designed with a signal strength LED which helps you find the best setup location for optimal Wi-Fi coverage.

Signal Strength LED

☺ On: Excellent Signal
🙂 Flashing: Good Signal
😐 Flashing Rapidly: Poor Signal
☹ Off: No Signal

Install the extender where the signal strength LED is on (but not flashing) for optimal Wi-Fi performance.
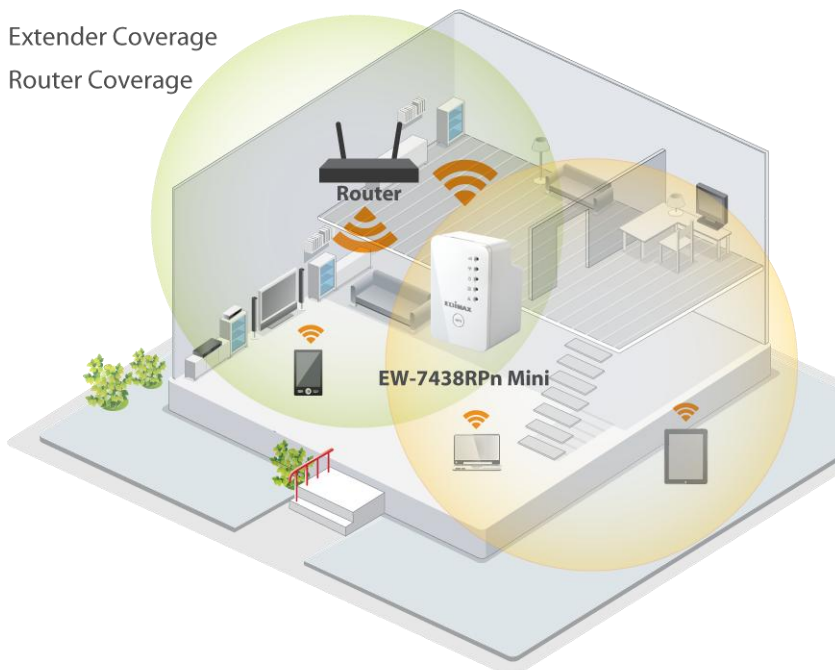
N300 Mini Wi-Fi Extender/Access Point/Wi-Fi Bridge

EW-7438RPn Mini

TECHNICAL SPECIFICATIONS

FREQUENCY BAND	WIRELESS STANDARDS & DATA RATES	HARDWARE INTERFACE
* 2.4GHz	* IEEE 802.11n (up to 300Mbps) * IEEE 802.11g (up to 54Mbps) * IEEE 802.11b (up to 11Mbps)	* 1 x 10/100Mbps Ethernet LAN port * WPS button * LEDs: Signal strength, wireless, power, WPS, LAN

MANAGEMENT	SECURITY	SYSTEM REQUIREMENTS
* 16-language user interface * Firmware Upgradable	* 64/128-bit WEP encryption and WPA-PSK, WPA2-PSK security * WPS (Wi-Fi Protected Setup) * User access control (MAC address)	* Existing wireless home network (2.4GHz) for Range extender/ Wireless bridge mode, or Cable/DSL modem router for access point mode * Computer with 2.4GHz b/g/n Wi-Fi capability and web browser for software configuration (Internet Explorer®, Google Chrome®, Firefox® or Safari® latest version) * iOS 5 above or Android 4.x above for mobile app

INSTALLATION	ANTENNA	POWER ADAPTER
* Multi-language iQ Setup (browser interface) * Hardware WPS button	* 2 x internal antennas	* Built-in AC100-240V, 50-60Hz power module

HUMIDITY & TEMPERATURE	DIMENSIONS & WEIGHT	CERTIFICATIONS
* 10-90% (Non-condensing) * 0-40°C (32-104°F)	* 65 (H) x 42 (W) x 38 (L) mm * EU Plug type: 70g * UK Plug type: 72g * US Plug type: 64g	* FCC, CE

APPLICATION DIAGRAM

* Extender Coverage
* Router Coverage

Router

EW-7438RPn Mini

Access Point — Create Wi-Fi access for any existing wired network.

Internet   Existing modem/router

Wi-Fi Extender — Extend existing Wi-Fi for further coverage.

Wi-Fi Bridge — Let wired TVs, game consoles or media players join your wireless network.

InternetTV

Edimax Technology Co., Ltd
6F., No.3, Wu-Chuan 3rd Road, Wu-Gu,
New Taipei City 24891, Taiwan
Email: sales@edimax.com.tw

Edimax Technology Europe B.V.
Fijenhof 2, 5652 AE Eindhoven,
The Netherlands
Email: sales@edimax.nl

Edimax Computer Company
3350 Scott Blvd., Bldg.15 Santa Clara,
CA 95054, USA
Email : sales@edimax.com