EDIMAX
NETWORKING PEOPLE TOGETHER

EW-7438RPn

N300 Universal Wi-Fi Extender

300 Mbps | iQ Setup | Wi-Fi | WPS | iOS | Android

The Edimax EW-7438RPn N300 Universal Wi-Fi Extender can easily double the signal coverage of your Wi-Fi network for better Wi-Fi quality in homes with many rooms or multiple floors. With both a Wi-Fi extender and a power adapter in a compact design, the EW-7438RPn can be plugged directly into an electrical outlet for convenient placement. The smart iQ Setup feature and the signal strength LED make it easy for you to set it up where your Wi-Fi signal needs enhancement. Additionally, it complies with wireless 802.11b/g/n standards and can create an extended Wi-Fi network with data transmission rates of up to 300Mbps. With the Edimax EW-7438RPn, you can enjoy high-speed wireless networking throughout your home without additional cabling.

Double the Coverage of Your Wi-Fi with Ease
The Edimax EW-7438RPn features a WPS button and Edimax's smart and automated iQ Setup, which allow you to set up the extender quick and easily. iQ Setup automatically detects the available Wi-Fi networks nearby and helps you establish a connection within seconds. The WPS button also allows you to connect the extender to the root access point with a simple click of a button. Additionally, the EW-7438RPn is designed with a signal strength LED, which helps you find the best setup location for optimal Wi-Fi coverage.

Compact, Wall Plug Design
Not only is the Edimax EW-7438RPn very compact, it is designed with a built-in power adapter. This design 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.

Wireless 802.11n Standard (data rates up to 300Mbps)
The latest 802.11n technology is built into the EW-7438RPn to broaden its wireless coverage and to eliminate dead spots within the wireless range. The EW-7438RPn complies with wireless 802.11b/g/n standards and can reach data transmission rates of up to 300Mbps when connected to wireless 802.11n devices. It provides faster and more reliable wireless connections than standard 802.11b/g wireless networks.

FEATURES & TECHNICAL SPECIFICATIONS

- Extends the range of existing 802.11b/g/n Wi-Fi networks
- iQ Setup for easy Wi-Fi extension
- Finds best setup location for optimal Wi-Fi coverage with signal strength LED
- Compact, wall plug design for convenient placement
- Features a hardware WPS (Wi-Fi Protected Setup) button

Hardware	Standards	Data Rates
❋1 x 10/100Mbps Ethernet LAN port ❋WPS button ❋Power switch ❋2 x internal antenna (2T2R)	❋IEEE 802.11b ❋IEEE 802.11g ❋IEEE 802.11n	❋11b: 1/2/5.5/11Mbps ❋11g: 6/9/12/24/36/48/54Mbps ❋11n (20MHz): MCS0-15, up to 144Mbps ❋11n (40MHz): MCS0-15, up to 300Mbps

Frequency Band	Output Power	Temperature
❋2.4000 - 2.4835GHz (industrial scientific medical band)	❋11b: 17$\pm$1.5dBm ❋11g: 15$\pm$1.5dBm ❋11n (20MHz): 14$\pm$1.5dBm ❋11n (40MHz): 13$\pm$1.5dBm	❋Operating temperature: 0 - 40°C ❋Storage temperature: -20 - 60°C

Memory	Sensitivity	Humidity
❋2MB NOR flash ❋16MB SDRAM	❋11b @ 11Mbps: -84$\pm$2dbm ❋11g @ 54Mbps: -71$\pm$2dbm ❋11n (20MHz) @ MCS15: -68$\pm$2dbm ❋11n (40MHz) @ MCS15: -64$\pm$2dbm	❋Operating humidity: 10 - 90% (non-condensing) ❋Storage humidity: max. 95% (non-condensing)

Power	Dimensions	Certifications
❋Built-in 5V, 1A power module	❋76 (H) x 47 (W) x 41 (L) mm	❋FCC, CE

Extend Your Wi-Fi

BR-6475nD iQ Router

EW-7438RPn Wi-Fi Extender

IC-7000PTn V3 Network Camera

EW-7612UAn V2 USB Adapter

Tablet

Smartphone

NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

- Connect the extender to the root access point with iQ Setup
- Find best setup location with signal strength LED
- Get high quality Wi-Fi throughout your home