EDIMAX
NETWORKING PEOPLE TOGETHER

AC 450
Next Generation Wi-Fi

2.4GHz 5GHz
Upgrade Home Router to Dual-band

Plug & Play
Zero Router Setup

5dBi
Wide Wi-Fi Coverage

EW-7288APC

AC450 5GHz Add-On Station, Access Point/Wi-Fi Bridge

Upgrade Your Router to High-Speed 11ac Wi-Fi

The EW-7288APC is the world's first dedicated 11ac 5GHz Add-On Station, Wi-Fi Access Point , to extend your exiting 2.4GHz Wi-Fi router with 5GHz Wi-Fi to be dual-band wireless networking. Design with easy plug and play, zero router setup, EW-7288APC is an easy to use solution to upgrade your 2.4GHz Wi-Fi to be dual-band Wi-Fi and provides your 5GHz ready mobile devices to access online with less interference, less lag and more stable 5GHz wireless network. Provide at super-speeds of up to 433Mbps of 11ac standard, the EW-7288APC is also complied with 5GHz IEEE802.11a/n which is great for online gaming, video streaming or other bandwidth-intensive tasks.

5GHz for Stable HD Video Streaming & Faster Internet Access

The EW-7288APC provides a 5GHz wireless network which is significantly less crowded than the 2.4GHz frequency band, meaning less interference, less lag and more stable, robust Wi-Fi - perfect for smartphones and tablets.* Enjoy fast network speeds for entertainment & gaming or for streaming intensive media such as HD video & music.

*Check with your mobile device manufacturer if your device supports 5GHz Wi-Fi (5Ghz 11an or 11ac).

Plug & Play, Hassle-Free Setup

Just power on the device and connect to its Wi-Fi.

Wide Coverage

Equipped with a high performance, long range Wi-Fi antenna for wide wireless coverage.

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Maximum performance, actual data rates, and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.

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11ac High-Speed

Complies with wireless 5GHz IEEE 802.11a/n/ac standards, providing wireless speeds up to 433Mbps data rate@ 11ac mode or 150Mbps @11a/n mode.

Faster & Cleaner 5GHz Wi-Fi channel

Don't accept poor Wi-Fi performance on the crowded 2.4GHz network: upgrade your Wi-Fi to the interference-free 5Ghz frequency band used by the latest smartphones, tablets, laptops and other network devices , with super-fast 802.11ac speeds up to 433Mbps, to reach close to the true Internet speed provided by your ISP.

*Test environment is based on 100Mbps WAN upload/download provided by ISP

Quick WPS Connection

A WPS (Wi-Fi Protected Setup) button allows you to quickly build secure wireless connections between wireless clients with a simple push of a button.

Save and Advanced Wireless Security

Supports WEP 64/128-bit, WPA and WPA2 standards of wireless encryption to secure and protect your data.

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Multiple Operation Modes

Features a hardware switch to easy change the mode for access point or Wi-Fi bridge mode.

Low Powr Consumption, Powered by USB

The EW-7288APC is a green designed device with low power consumption and can be powered through any USB port (5V 500mA).

FEATURES

•Easily add one more 5GHz Wi-Fi network into your current Wi-Fi environment for less interference and clean Wi-Fi channels.
•Complies with wireless IEEE 802.11a/n/ac standards with Wi-Fi speeds up to 433Mbps.
•Enhanced wireless coverage with 5dBi high gain antenna.
•Supports Plug&Play with zero configuration setup with broadband router.
•Upgrade home gateway to 5GHz Wi-Fi and 11ac speed.
•Works with any home gateway router.

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TECHNICAL SPECIFICATIONS

Features	Wireless Standards and Data Rates	Hardware Interface
5GHz Wi-Fi access point 5GHz Wi-Fi bridge with extender mode	IEEE 802.11a/n (up to 150Mbps) or IEEE 802.11ac (up to 433Mbps)	1 x RJ-45 LAN port 1 x micro USB power port 1x Wi-Fi AP/Wi-Fi Bridge mode slide switch Status LED indicators Internal high gain antenna WPS/Reset button
Management	**Security**	**System Requirements**
14-language user interface Upgradable firmware	64/128-bit WEP encryption and WPA-PSK, WPA2-PSK security WPS (Wi-Fi Protected Setup)	Existing wireless home gateway router Dual-band wireless client device (computer, smartphone or tablet) Device with web browser for software configuration (Microsoft® Internet Explorer® 8.0, Google Chrome®, Firefox® or Safari® latest version)
Installation	**Antenna**	**Power Adapter**
Multi-language iQ Setup (browser interface) Hardware WPS button	1 x internal high gain peak 5dBi antenna	DC 5V 0.6A switching power adapter
Humidity	**Temperature**	**Package Contents**
10-90% (Non-condensing)	0-40°C (32-104°F)	EW-7288APC device Quick Installation Guide CD with multi-language Quick Installation Guide and User Manual RJ45 Ethernet Cable DC5V 0.6A power adapter with power cable Access key card
Dimensions	**Weight**	**Certifications**
215(H) x 70 (W) x 70 (D) mm	140g	FCC, CE

APPLICATION DIAGRAM

HARDWARE INTERFACE

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