



Super High-Speed Wi-Fi



Smart Setup,  
No CD Required



Bandwidth Management



Guest Network  
for Security & Privacy

**BR-6288ACL**

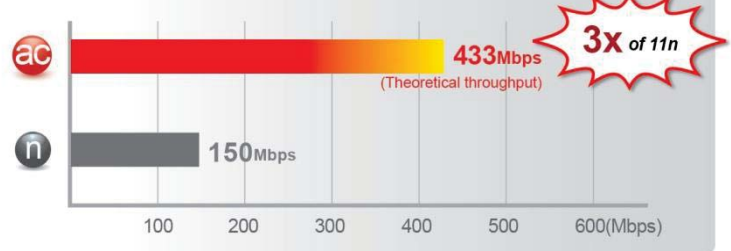
## AC600 Multi-Function Dual-Band Wi-Fi Router, Access Point, Range Extender, Wi-Fi Bridge & WISP

To meet today's high-speed connectivity needs, Edimax has launched the BR-6288ACL dual-band 802.11ac router with the latest 11ac standard for extraordinary improvements in the speed, reliability and quality of wireless communications. It's a 5-in-1 dual-band Wi-Fi router with an easy 3-step setup using a smartphone app or web-based smart iQ setup, which meets all of your Wi-Fi demands and is the first product of its kind to feature a green, power-saving TX power switch to adjust the Wi-Fi signal strength. The smartphone app and web-based interface also support auto firmware upgrade and the sleek design provides a unique, space-saving aesthetic which blends with any interior and delivers wide-reaching Wi-Fi coverage.

### 11ac The Latest High-Speed Wireless Networking

The Edimax BR-6288ACL router supports the latest IEEE 802.11ac wireless standard, meaning higher data rates in the 5GHz band. With 150Mbps speeds in the 2.4GHz band and 433Mbps speeds in 5GHz, the BR-6288ACL is ideal for HD video streaming and large file transfers. The router is also backward compatible with 802.11a/b/g/n to ensure compatibility with legacy Wi-Fi devices.

Maximum Speed: Next Generation 802.11ac vs. 802.11n



### Concurrent Dual-Band Wi-Fi Connectivity

The Edimax BR-6288ACL router provides simultaneous 2.4GHz (802.11n) and 5GHz (802.11ac) wireless network connectivity for maximum flexibility of use.

**5GHz (Up to 433Mbps)**  
Interference-Free  
HD Video and Gaming

**Concurrent  
Dual-Band**

**2.4GHz (Up to 150Mbps)**  
More Supported Devices  
Basic Internet Applications

**AC600: 433Mbps(5GHz) + 150Mbps(2.4GHz)**

# AC600 Multi-Function Dual-Band Wi-Fi Router, Access Point, Range Extender, Wi-Fi Bridge & WISP

BR-6288ACL

## 5-in-1 Wi-Fi Router, Access Point, Range Extender, Wi-Fi Bridge and WISP

The BR-6288ACL can work as router, access point, range extender, Wi-Fi Bridge or WISP. Just configure the mode you need for your network environment using the smart iQ Setup wizard.



Switch mode using the smart iQ setup wizard on any device with a web browser, no CD required.

*\*Mobile device setup requires iOS 4.0 or Android 4.0 and above.*

## 3-Step Smart Setup

- 1** Just plug in the cables

Edimax Router

Use a Wi-Fi device to connect to the router. For Smart App Setup, please use a smartphone.
- 2** Smart App or iQ Setup, No CD Required.

**Smart App Setup**

Download the EdiRouter app.

EdiRouter app will guide you through setup.

OR

**Smart iQ Setup**

Open your browser\*

Type in "edimax.setup" if necessary. iQ Setup will guide you through setup.
- 3** Enjoy surfing the web

## Smartphone App & Smart iQ Setup

Features smartphone app setup or web-based setup for quick, automatic installation with no CD required, to get your product up and running without any difficult configurations or hassle. The smartphone app and web-UI also feature a new automatic firmware update function.

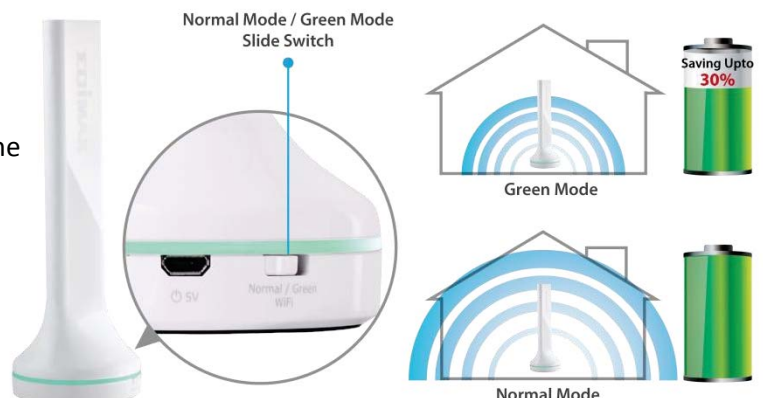
## Auto Firmware Upgrade

Don't worry about downloading new firmware files and keeping your router up to date. The BR-6288ACL supports auto firmware upgrade through the smartphone app and web-UI, so you can check the firmware status and upgrade to the latest version quickly and automatically – minimum fuss required.



## Green Wi-Fi TX Power Switch

Featuring a new hardware slide switch to easily adjust between normal and green TX power (the strength of the Wi-Fi signal). In normal mode the device transmits with maximum TX power for wide coverage in large homes. But if you only need Wi-Fi in your room or inside a smaller house, you can switch to green mode to reduce TX power to less than 75% and reduce energy usage by up to 30%.

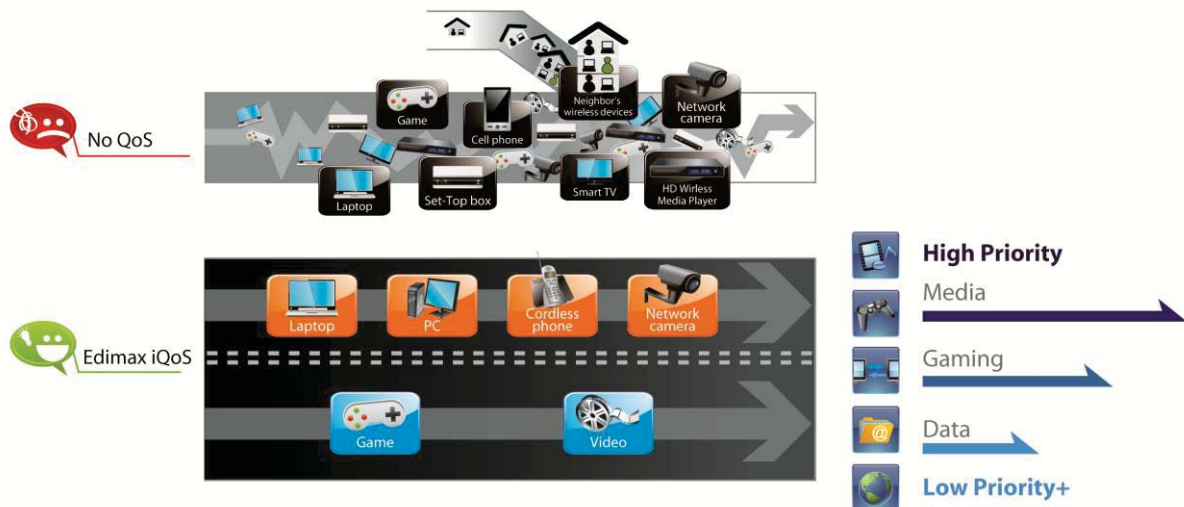


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BR-6288ACL

## Edimax's Revolutionary iQoS

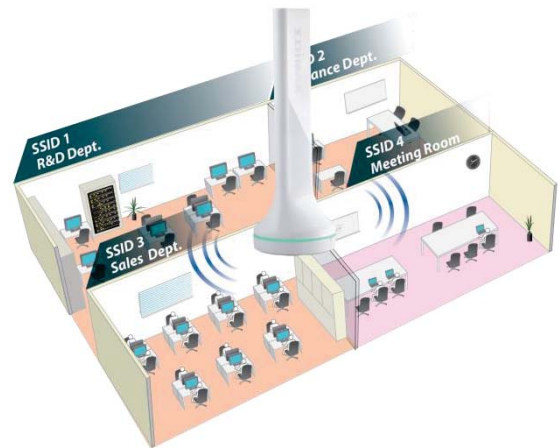
iQoS is Edimax's solution for a quicker, easier, and more effective way to manage Internet bandwidth. While Quality of Service (QoS) functionality is a common feature in routers across the market, typically only advanced users have the knowledge required to set up the complex parameters. Edimax though has redesigned QoS with user-friendliness and accessibility in mind. A simple and intuitive user interface allows users to arrange bandwidth priority settings in just a few clicks. With iQoS, you can enjoy gaming, video streaming, VoIP applications and BT clients at the same time without the usual nightmare of lag and interruptions. An original, efficient and effective means of managing your Internet bandwidth.



## Multi-SSID & VLAN Support\*

Multi-SSID enables users to configure up to ten separate SSIDs (2.4GHz x 5 and 5GHz x 5) in order to group and manage users according to your requirements. In addition, each SSID can be assigned a different VLAN ID, so users with multiple VLANs can manage the network access level of each SSID – ensuring security and protecting confidential or critical network resources.

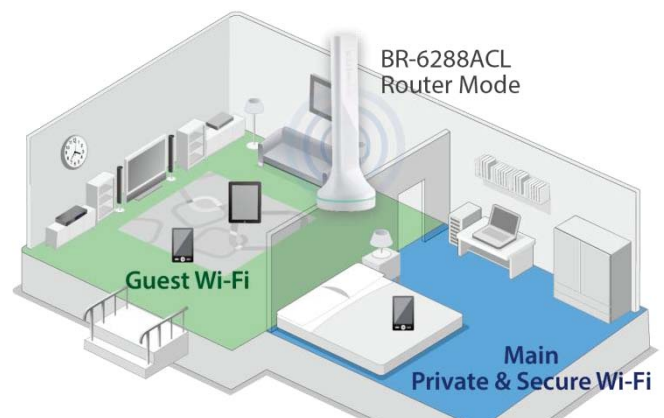
\*Access point mode only



## Guest Network\*

Supports a guest network to provide connectivity while isolating guests from your primary network.

\*Router mode only





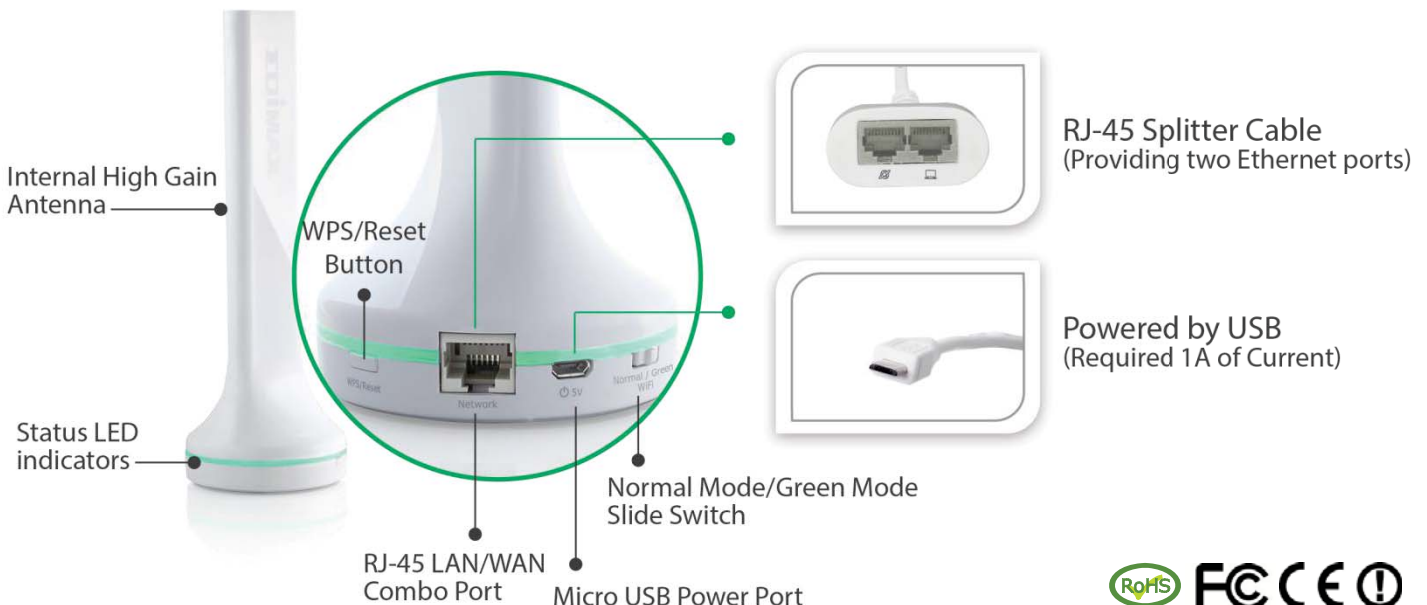
# AC600 Multi-Function Dual-Band Wi-Fi Router, Access Point, Range Extender, Wi-Fi Bridge & WISP

**BR-6288ACL**

## TECHNICAL SPECIFICATIONS

FUNCTIONS	HARDWARE INTERFACE	MANAGEMENT & INSTALLATION
<ul style="list-style-type: none"> <li>Supports router, access point, range extender, Wi-Fi Bridge and WISP modes</li> <li>Guest network</li> <li>Up to 10 SSIDs (2.4GHz x 5 and 5GHz x 5) with VLAN support in AP mode</li> <li>IGMP proxy and IGMP snooping</li> <li>DDNS and DHCP</li> <li>Port triggering for special applications</li> <li>Virtual server and DMZ hosting</li> <li>MAC/IP filter and URL blocking</li> <li>iQoS for smart bandwidth management</li> <li>Static routing</li> <li>UPnP architecture</li> <li>VPN pass-through (IPSec/PPTP)</li> <li>Wi-Fi schedule control</li> <li>Fault tolerance firmware upgrade</li> </ul>	<ul style="list-style-type: none"> <li>1 x RJ-45 10/100M WAN/LAN combo port*</li> <li>1 x micro USB power port</li> <li>Status LED indicators</li> <li>Internal high gain antenna</li> <li>WPS/Reset button</li> <li>Wireless Normal/Green mode switch</li> </ul> <p>*An Edimax RJ-45 Splitter included.</p>	<ul style="list-style-type: none"> <li>Multi-language user interface</li> <li>Supports remote management</li> <li>System status and security log</li> <li>Firmware upgradable</li> <li>Smart iQ Setup, no CD required</li> <li>Supports App smart setup (iOS 7 or Android 4 and above are required for smartphone or tablet setup)</li> </ul>
WAN	OUTPUT POWER & SENSITIVITY GAIN (5GHz)	OUTPUT POWER & SENSITIVITY GAIN (2.4GHz)
<ul style="list-style-type: none"> <li>Supports WISP connection mode</li> <li>Supports RJ-45 cable/xDSL modems</li> <li>WAN protocol: PPPoE, static IP, dynamic IP, PPTP and L2TP</li> </ul>	<p>Output Power</p> <ul style="list-style-type: none"> <li>11a(54Mbps): 13±1.5dBm</li> <li>11n(20MHz, MCS7): 12±1.5dBm</li> <li>11n(40MHz, MCS7): 12±1.5dBm</li> <li>11ac(80MHz, MCS9): 11±1.5dBm</li> </ul> <p>Receive Sensitivity</p> <ul style="list-style-type: none"> <li>11a(54Mbps): -69±2dBm</li> <li>11n(20MHz, MCS7): -68±2dBm</li> <li>11n(40MHz, MCS7): -64±2dBm</li> <li>11ac(80MHz, MCS9): -57±2dBm</li> </ul>	<p>Output Power</p> <ul style="list-style-type: none"> <li>11b(11Mbps): 14±1.5dBm</li> <li>11g(54Mbps): 13±1.5dBm</li> <li>11n(20MHz, MCS7): 12±1.5dBm</li> <li>11n(40MHz, MCS7): 12±1.5dBm</li> </ul> <p>Receive Sensitivity</p> <ul style="list-style-type: none"> <li>11b(11Mbps): -83±2dBm</li> <li>11g(54Mbps): -69±2dBm</li> <li>11n(20MHz, MCS7): -67±2dBm</li> <li>11n(40MHz, MCS7): -64±2dBm</li> </ul>
SECURITY	MEMORY	HUMIDITY & TEMPERATURE
<ul style="list-style-type: none"> <li>64/128-bit WEP, WPA and WPA2 security</li> <li>QoS for critical operations</li> <li>SPI anti-DoS firewall</li> </ul>	<ul style="list-style-type: none"> <li>4MB Flash</li> <li>64MB RAM</li> </ul>	<ul style="list-style-type: none"> <li>10-90% (non-condensing)</li> <li>0-40°C</li> </ul>
POWER ADAPTER	DIMENSIONS & WEIGHT	CERTIFICATIONS
<ul style="list-style-type: none"> <li>DC 5V, 1.2A</li> </ul>	<ul style="list-style-type: none"> <li>215(H) x 70 (W) x 70 (D) mm</li> <li>180g</li> </ul>	<ul style="list-style-type: none"> <li>FCC/CE</li> </ul>

## HARDWARE INTERFACE



# AC600 Multi-Function Dual-Band Wi-Fi Router, Access Point, Range Extender, Wi-Fi Bridge & WISP

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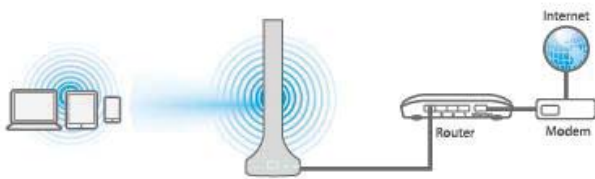
APPLICATION DIAGRAM

**5-in-1**

Just select the mode you need and enjoy surfing the Internet

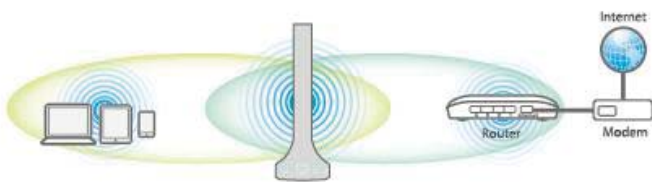
**Access Point**

Wired and Wi-Fi access for any existing wired network.



**Range Extender**

Extend existing Wi-Fi for further coverage.



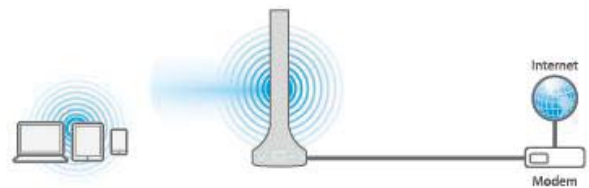
**WISP**

Share a wireless Internet connection to all your devices.



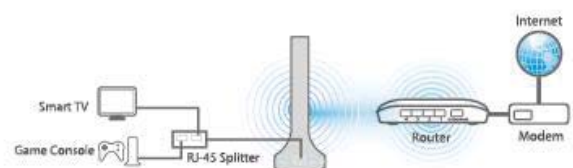
**Router**

Share an Internet Connection to all of your devices.



**Wi-Fi Bridge**

Let wired TVs, game consoles or media players join your wireless network.



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. Copyright © 2014 Edimax Technology Co. Ltd. All rights reserved.

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