EDIMAX
NETWORKING PEOPLE TOGETHER

N300
300Mbps Transfer Speed

Smart Setup,
No CD Required

iQoS
Bandwidth Management

Guest Network
for Security & Privacy

BR-6428nS V3

5-in-1 N300 Wi-Fi Router, Access Point, Range Extender, Wi-Fi Bridge & WISP

The BR-6428nS V3 is a 300Mbps high-speed 5-in1 multi-function Wi-Fi solution which supports IEEE 802.11b/g/n standards and provides significantly improved coverage with the High-gain antenna. Operating as a router, access point, range extender, Wi-Fi Bridge or WISP, the BR-6428nS V3's flexibility meets the demands of any networking applications. The smart iQ Setup wizard makes setup and installation as easy as a few clicks. Impressive performance and a competitive price make the BR-6428nS V3 a cost-effective solution for home or small office environments.

5-in-1 Wi-Fi Router, Access Point, Range Extender, Wi-Fi Bridge and WISP
The BR-6428nS V3 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.
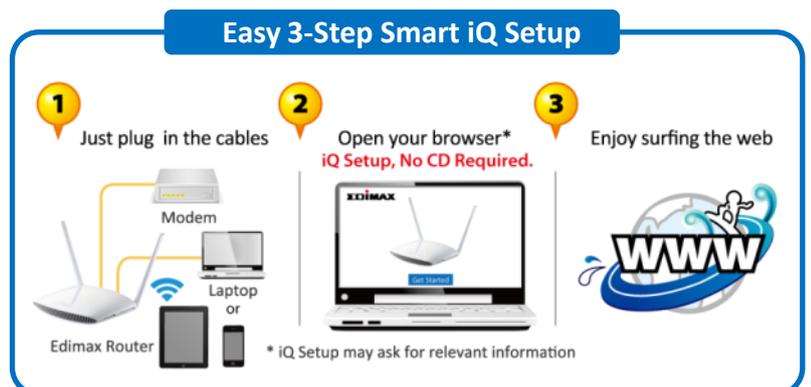
Switch mode using the smart iQ setup wizard
on any device with a web browser, no CD required.
Mobile device setup requires iOS 4.0 or Android 4.0 and above.

Easy 3-Step Smart iQ Setup

1 Just plug in the cables
Modem
Laptop
or
Edimax Router

2 Open your browser*
iQ Setup, No CD Required.
* iQ Setup may ask for relevant information

3 Enjoy surfing the web
WWW

Smart iQ Setup
Features iQ Setup for smart, automatic and quick installation with no CD required.

www.edimax.com

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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.
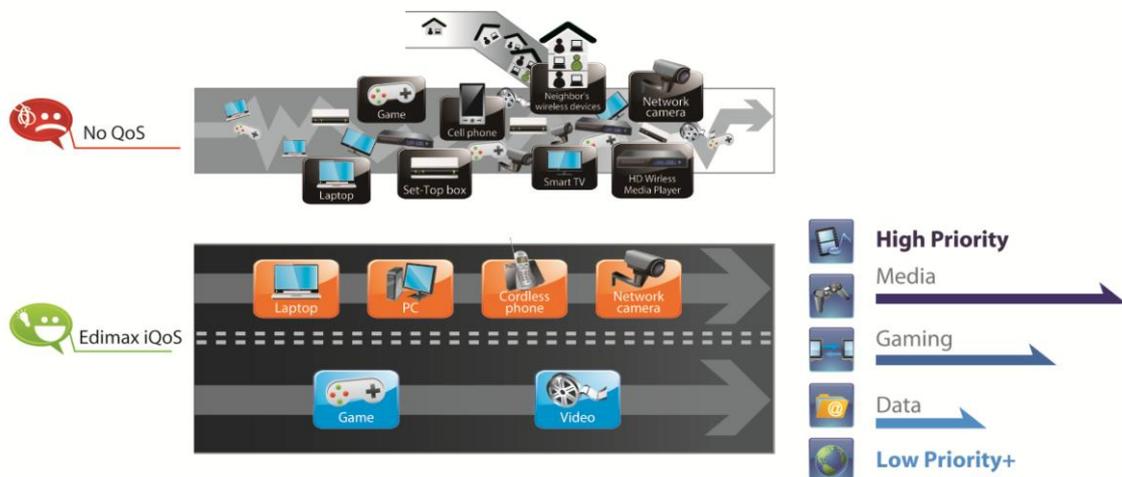
Multi-SSID & VLAN Support*

Multi-SSID enables users to configure up to five separate SSIDs in order to group and manage users according to your requirements.
*Access point mode only

Guest Network*

Supports a guest network to provide connectivity while isolating guests from your primary network.
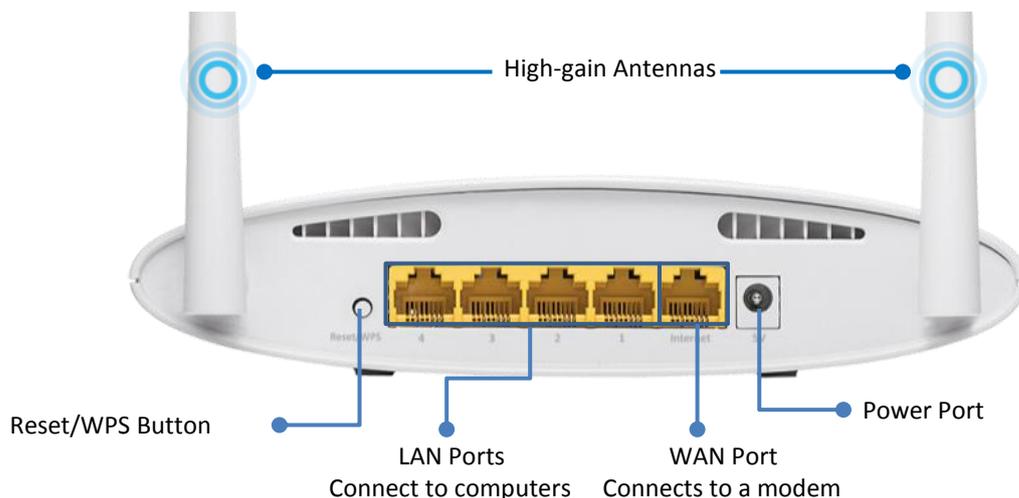*Router mode only

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TECHNICAL SPECIFICATIONS

FUNCTIONS	HARDWARE INTERFACE	MANAGEMENT
✲ Supports router, access point, range extender, Wi-Fi Bridge and WISP modes ✲ Guest Wi-Fi network in Router mode ✲ Up to 5 SSIDs in AP mode ✲ IGMP proxy and IGMP snooping ✲ DDNS and DHCP ✲ Port triggering for special applications ✲ Virtual server and DMZ hosting ✲ MAC/IP filter and URL blocking ✲ iQoS for smart bandwidth management ✲ Static routing ✲ UPnP architecture ✲ VPN pass-through (IPSec/PPTP) ✲ Wi-Fi schedule control ✲ Fault tolerance firmware upgrade	✲ 1 x RJ-45 Fast Ethernet WAN port ✲ 4 x RJ-45 Fast Ethernet LAN ports ✲ LED Indicators: power, wireless, WAN, LNK/ACT for LAN ✲ 2 x High-gain antennas ✲ WPS / Reset button	✲ Multi-language user interface ✲ Supports remote management ✲ System status and security log ✲ Firmware upgradable ✲ Smart iQ Setup, no CD required

WAN	SECURITY	OUTPUT POWER & RECEIVE SENSITIVITY

✲ Supports WISP connection mode
✲ Supports RJ-45 cable/xDSL modem
✲ Supports DNS Proxy
✲ WAN protocol: PPPoE, Static IP, Dynamic IP, PPTP, L2TP
	✲ NAT/NAPT IP sharing
	✲ 64/128-bit WEP encryption and WPA-PSK, WPA2-PSK security
	✲ DHCP server/client
	✲ QoS for critical operations
	✲ SPI anti-DoS firewall
		✲ Output Power
		  11b (11Mbps): 16$\pm$1.5dBm
		  11g (54Mbps): 14$\pm$1.5dBm
		  11n (20MHz, MCS7): 14$\pm$1.5dBm
		  11n (40MHz, MCS7): 14$\pm$1.5dBm
		✲ Receive Sensitivity
		  11b(11Mbps): -83$\pm$2dBm
		  11g (54Mbps): -69$\pm$2dBm
		  11n(20MHz, MCS7): -67$\pm$2dBm
		  11n(40MHz, MCS7): -64$\pm$2dBm

MEMORY	HUMIDITY & TEMPERATURE	POWER ADAPTER
✲ 4MB NOR Flash ✲ 32MB SDRAM	✲ 10 – 90% (Non-condensing) ✲ 0 – 45°C	✲ 5V DC, 1A

DIMENSIONS	WEIGHT	CERTIFICATIONS
✲ 190mm x 162mm x 42mm	✲ 245g	✲ CE, FCC, NCC, BSMI

HARDWARE INTERFACE

High-gain Antennas

Reset/WPS Button

LAN Ports
Connect to computers

WAN Port
Connects to a modem

Power Port

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APPLICATION DIAGRAM

Router — Share an Internet connection to all of your devices.

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

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

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

WISP — Share a wireless Internet connection to all of your devices.
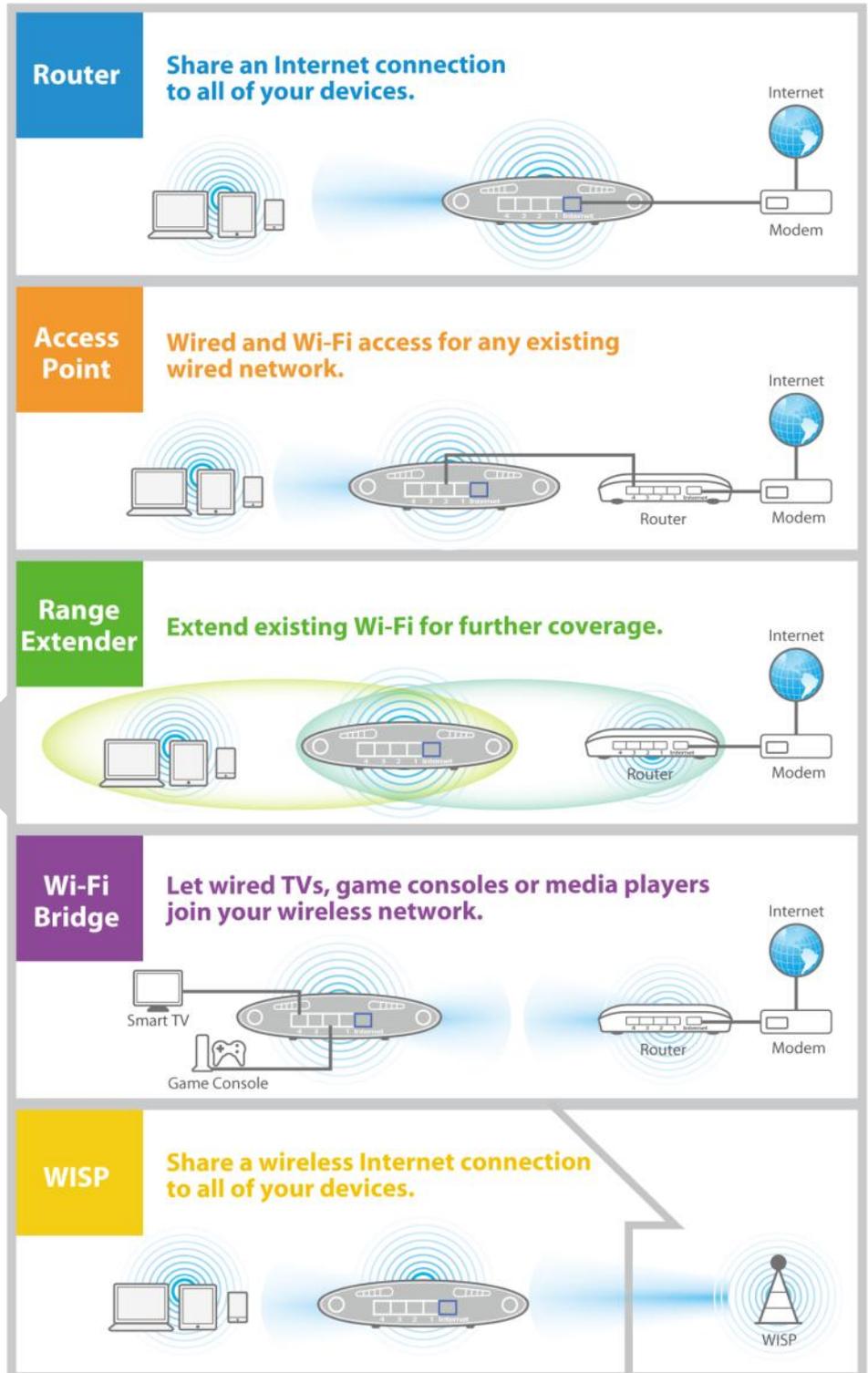
Maximum performance, actual data rates, and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.

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