



Smart Setup,
No CD Required



High Gain Antenna
For Better Coverage



Reduce Power
Use By Over 30%



Windows 8 Compatible

BR-6428nS V2

N300 Multi-Function Wi-Fi Router

Three Essential Networking Tools in One

The BR-6428nS V2 is a 300Mbps high-speed multi-function Wi-Fi solution which supports IEEE 802.11b/g/n standards and provides significantly improved coverage with the 5dBi antenna. Operating as a router, access point or range extender, the BR-6428nS V2'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 V2 a cost-effective solution for home or small office environments.

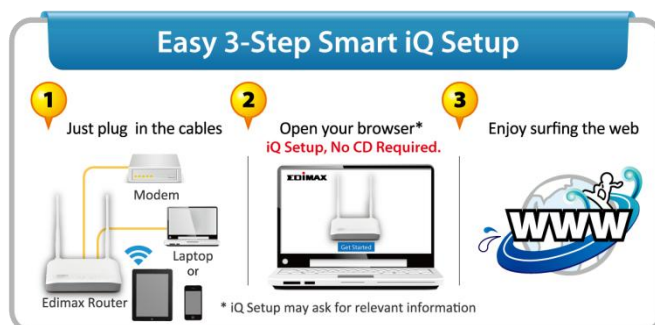
3-in-1 Router, Access Point and Range Extender

The BR-6428nS V2 can work as router, access point or range extender. Just configure the mode you need for your network environment using the smart iQ Setup wizard and enjoy surfing the web.



Smart iQ Setup

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



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5dBi High Gain Antenna

Employs two 5dBi high gain antennas to enhance wireless range and coverage, providing powerful penetration through walls and floors.

Powerful Penetration Through Walls And Floors



Guest Network*

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

*Router mode only

Guest Network

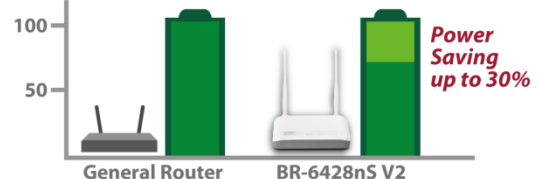


Green Technology

Designed with the latest green technology, the BR-6428nS V2 uses 30% less power compared to other standard 300Mbps routers.

Energy Saving

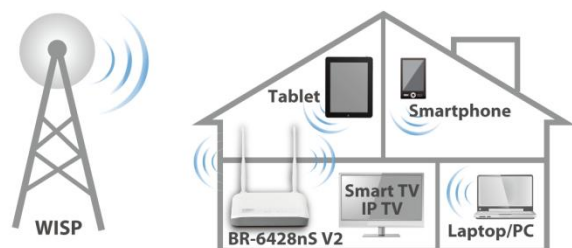
Power Consumption (%)



Wireless Internet Service Provider (WISP) Connection Mode

With WISP support, the BR-6428nS V2 is able to share an Internet connection from a wireless ISP access point and convert it into a wired or wireless network for multiple users in your home or office.

Shares WISP Service for Multiple Users



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Wi-Fi Protected Setup (WPS) Button

The BR-6428nS V2 has a one-click Wi-Fi Protected Setup (WPS) button to help you set up and activate a secure wireless network in a snap.



TECHNICAL SPECIFICATIONS

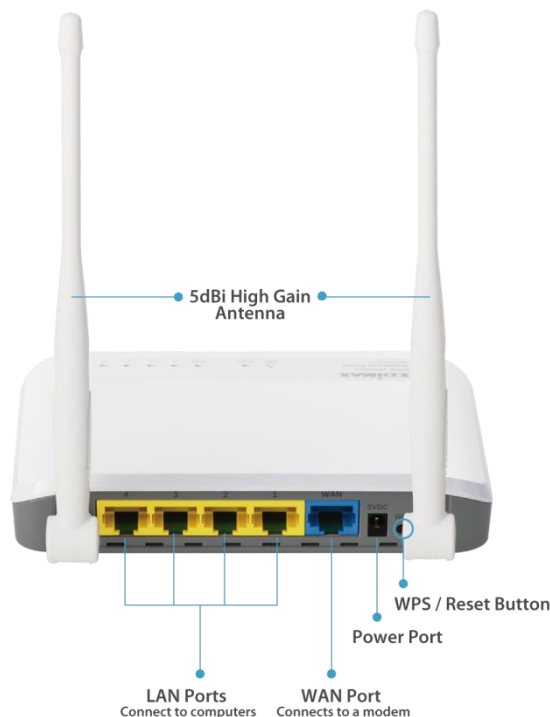
FUNCTIONS	HARDWARE INTERFACE	MANAGEMENT
<ul style="list-style-type: none"> Supports router, access point & range extender modes Port triggering for special applications DDNS and SIP Guest network Virtual server and DMZ hosting MAC/IP filter and URL blocking Static routing UPnP architecture VPN pass-through (IPSec/PPTP) Wi-Fi schedule control 	<ul style="list-style-type: none"> 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 5dBi fixed antennas WPS/Reset button 	<ul style="list-style-type: none"> Intuitive user interface System status and security log (web interface) Firmware upgradeable
WAN	SECURITY	OUTPUT POWER & RECEIVE SENSITIVITY
<ul style="list-style-type: none"> Supports WISP connection mode Supports RJ-45 cable/xDSL modem WAN protocol: PPPoE, static IP, dynamic IP, PPTP, L2TP 	<ul style="list-style-type: none"> NAT/NAPT IP sharing WEP, WPA & WPA2 encryption DHCP server/client QoS for critical operations SPI anti-DoS firewall 	<ul style="list-style-type: none"> E.I.R.P.: < 20dBm 11b (11Mbps) : -83dBm±2dBm, 11g (54Mbps) : -71dBm±2dBm, 11n (20MHz) : -68dBm±2dBm, 11n (40MHz) : -64dBm±2dBm
MEMORY	INSTALLATION KIT	HUMIDITY & TEMPERATURE
<ul style="list-style-type: none"> 4MB NOR Flash 16MB SDRAM 	<ul style="list-style-type: none"> Smart iQ Setup, no CD required Supports smartphone, tablet or laptop setup. (iOS 4 or Android 4 and above are required for smartphone or tablet setup.) 	<ul style="list-style-type: none"> 10 – 90% (Non-condensing) 0 – 40°C
POWER ADAPTER	DIMENSIONS & WEIGHT	CERTIFICATIONS
<ul style="list-style-type: none"> 5V DC, 1A 	<ul style="list-style-type: none"> 135(W) x 110 (D) x 28 (H) mm 161g (antenna weight included) 	<ul style="list-style-type: none"> CE, FCC

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HARDWARE INTERFACE



APPLICATION DIAGRAMS

