



Easy browser-based setup, no CD required



300Mbps transfer speed



500mW



Detachable 5dBi high gain antenna for better coverage



Detachable Antenna

BR-6428HPn

High TX power boosts coverage and signal strength

Edimax BR-6428HPn is a high speed wireless broadband router that complies with wireless IEEE 802.11b/g/n standards. The BR-6428HPn's high power design enhance wireless output power to 27dbm (500mW), giving coverage range which is double that of standard 11n routers. The fine-tuned performance of the BR-6428HPn significantly reduces dead zones.

iQ Setup

iQ Setup is a smart feature of Edimax routers that allows even the most inexperienced users to set up an Edimax router quickly and effortlessly. After the appropriate cable connections are made, simply open a web browser on a computer or smartphone and iQ Setup will start detecting your Internet connection type automatically. iQ Setup ensures that most of the setup process is done automatically - little to no configuration is required on the users' part and no installation CD is necessary.

Wireless 802.11n Standard (data rates up to 300Mbps)

The Edimax BR-6428HPn is a high-speed solution that complies with IEEE 802.11b/g/n standards. The latest wireless technology is built in to broaden wireless coverage and reduce dead zones within the wireless range. When connected to wireless 802.11n compatible devices, the BR-6428HPn can achieve transmission rates of up to 300Mbps on the 2.4GHz band.

WPS (Wi-Fi Protected Setup) Button & Built-in Wi-Fi On/Off Switch

The Edimax BR-6428HPn allows users to build secure connections with WPS enabled wireless devices simply by pressing the WPS button, eliminating the need to go through the hassle of setting up and configuring the security of your wireless network. Additionally, with the built-in Wi-Fi on/off switch users can conveniently switch on/off the wireless connection without logging into the user interface – enabling users to save electricity by switching the Wi-Fi signal off when it is not in use.

FEATURES & TECHNICAL SPECIFICATIONS

FUNCTIONS	HARDWARE INTERFACE	MANAGEMENT
<ul style="list-style-type: none"> Supports AP, AP Client, Bridge, Bridge+ WDS, and Universal Repeater modes Port Triggering for special applications DDNS Virtual Server and DMZ hosting MAC/IP filter and URL blocking Static routing UPnP architecture VPN Pass-Through (IPSec/PPTP) Schedule control 	<ul style="list-style-type: none"> One RJ-45 Fast Ethernet WAN port Four RJ-45 Fast Ethernet LAN ports LED Indicators: Power, Wireless, WAN, LNK/ACT for LAN Detachable 5dBi high-gain antenna x 2 WPS / Reset button Switch for wireless on/off 	<ul style="list-style-type: none"> Supports Remote Management System Status and Security Log (Web Interface) Firmware upgradeable
WAN	SECURITY	OUTPUT POWER & SENSITIVITY GAIN
<ul style="list-style-type: none"> Supports WISP connection mode Supports RJ-45 cable/xDSL modem WAN protocol: PPPoE/Static IP/PPTP/ Dynamic IP/ L2TP 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 11b(1M): $26\pm1.5\text{dBm}$, 11b(11M): $25\pm1.5\text{dBm}$, 11g(6M): $25\pm1.5\text{dBm}$, 11g(54M): $23\pm1.5\text{dBm}$, 11n(MCS0): $24\pm1.5\text{dBm}$, 11n(MCS7): $22\pm1.5\text{dBm}$ 11b(1M): $-93\pm2\text{dBm}$, 11b(11M): $-87\pm2\text{dBm}$, 11g(6M): $-87\pm2\text{dBm}$, 11g(54M): $-75\pm2\text{dBm}$, 11n(MCS0): $-87\pm2\text{dBm}$, 11n(MCS7): $-69\pm2\text{dBm}$
MEMORY	INSTALLATION KIT	HUMIDITY & TEMPERATURE
<ul style="list-style-type: none"> 4 MB NOR Flash 16 MB SDRAM 	<ul style="list-style-type: none"> iQ Setup (web based easy setup) 	<ul style="list-style-type: none"> 10-90% (Non-condensing) 0~40°C
POWER ADAPTER	DIMENSIONS	CERTIFICATIONS
<ul style="list-style-type: none"> DC 12V, 1A 	<ul style="list-style-type: none"> 180 (W) x 120 (D) x 26 (H) mm 	<ul style="list-style-type: none"> FCC

The BR-6428HPn's high power wireless signal coverage (blue) is more than **double** that of standard wireless range (purple).

