



BR-6478Gn

N300 Wireless Gigabit Broadband iQ Router



The Edimax BR-6478Gn is a high performance wireless router perfect for home and SOHO networking applications. It offers super fast wireless speeds of up to 300Mbps and wired speeds of up to 1000Mbps; and its smart iQ Setup feature helps you get this router up and running with a few simple clicks.

300Mbps Max. Wi-Fi Speed

This Edimax wireless router is a high-speed solution that complies with IEEE 802.11b/g/n standards. The latest wireless MIMO (multiple-input and multiple-output) technology is built into this router to broaden its Wi-Fi coverage and to eliminate dead spots within the signal range. When it is connected to IEEE 802.11n wireless devices, this Edimax wireless router can reach Wi-Fi speeds of up to 300Mbps.

Gigabit Ethernet

The gigabit Ethernet ports on this Edimax router provide connection speeds of up to 1000Mbps, up to 10 times faster than 100BASE-TX Ethernet connections. With lightning fast Ethernet connectivity, this router is perfect for interactive gaming, media streaming, system backup, and transferring large files like HD videos, music, and photos across the network.

iQ Setup

iQ Setup is a smart feature that allows even the most inexperienced users to set up an Edimax router quick and effortlessly. After the appropriate connections are made, you just need to open your web browser and iQ Setup will start setting up your router automatically. With iQ Setup, little to no configuration is required on your part and no installation CD is necessary.

iQoS

iQoS is Edimax's answer to the need for a quicker, easier, and more effective way to manage Internet bandwidth. Its simple and intuitive user interface allows you to arrange bandwidth priority settings in just a few clicks. With iQoS, gaming, watching online video, and downloading files at the same time will no longer be a nightmare.

FEATURES & TECHNICAL SPECIFICATIONS

- Complies with wireless 802.11b/g/n standards
- 1 Gigabit WAN port and 4 Gigabit LAN ports
- Built-in hardware WPS (Wi-Fi Protected Setup) button
- Built-in slide switch to enable/disable wireless signal
- Features iQ Setup for smart and automated Internet connection
- Supports WMM, WEP, WPA, WPA2, DDNS, QoS, IP/MAC filter, DMZ, and virtual server

Functions	Hardware	Management
<ul style="list-style-type: none"> • Supports AP, AP client, bridge, WDS bridge, and universal repeater modes • Port triggering for special applications • DDNS and SIP • Virtual server and DMZ hosting • MAC/IP filtering and URL blocking • Static routing • UPnP architecture • VPN pass-through (IPsec/PPTP) • Schedule control 	<ul style="list-style-type: none"> • 1 x RJ-45 Gigabit WAN port • 4 x RJ-45 Gigabit LAN port • Power, Wi-Fi, WAN, LNK/ACT LED indicators • 2 x 3dBi detachable antenna • WPS/Reset button • Wireless on/off switch 	<ul style="list-style-type: none"> • 12-language user interface • 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 modems • Supports 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"> • 11n: 12±1.5dBm, 11g: 13±1.5dBm, 11b: 16±1.5dBm • 11n (40MHz): -63±2dBm, 11n (20MHz): -65±2dBm, 11g: -72±2dBm, 11b: -80±2dBm
Memory	Installation	Temperature & Humidity
<ul style="list-style-type: none"> • 4MB NOR flash • 32MB SDRAM 	<ul style="list-style-type: none"> • iQ Setup 	<ul style="list-style-type: none"> • 10-90% (non-condensing) • 0-45°C
Power	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, CE

NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

