Fast 300Mbps Data Transmission via MIMO Technology
Edimax BR-6424n is a wireless 11n solution for your high performance/cost-effective home and small business needs. With its advanced MIMO technology, wireless data transmission coverage can reach up to 12 times better (up to 300Mbps) and 5 times better compared to a standard 802.11g/b router.

Extensive Internet Connection Sharing
With the built-in NAT (Network Address Translation) function, the Edimax BR-6424n allows up to 253 wired or wireless clients to simultaneously share an Internet connection.

Remote or Local Management System
Edimax EZView is a new enhanced management system in BR-6424n that allows you to manage your router locally or remotely from the Internet. UPnP compatible devices are automatically detected with information about the device listed in the management interface of the router. Hence, you will be able to directly manage device information such as IP address, bandwidth control, open ports and DMZ.

Flexible WISP (Wireless Internet Service Provider) Connection Mode
Wireless connection from your broadband router to an ISP’s Access Point is also possible. When the BR-6424n is assigned to perform such task, it repeats the signal from a wireless Internet Service Provider to your home or office, simultaneously allowing connection of both wired and wireless stations to the Internet.

Easy & Multilingual Setup Installation CD*
A unique multilingual Setup Wizard is provided in the installation CD. By simply following the animated installation procedures, connection of your router to the Internet is done within minutes!

Practical Wireless ON/OFF Switch and Hardware WPS (Wi-Fi Protected Setup) Button
Edimax BR-6424n features a control button and WPS button on its rear panel. You can easily switch on/off the Wi-Fi wireless connection and setup a secure wireless network in minutes. When using a wired connection, you can pause the Wi-Fi option by pressing the button without making any extra setting.

* The EZMax Setup CD Wizard only supports Edimax wireless routers.
FEATURES & TECHNICAL SPECIFICATIONS

### FUNCTIONS
- Supports AP, AP Client, Bridge, Bridge+ WDS and Universal Repeater modes
- Port Triggering for special applications
- DDNS and SIP
- Virtual Server and DMZ hosting
- MAC/IP filter and URL blocking
- Static routing
- UPnP architecture
- VPN Pass-Through (IPSec/PPTP)
- Schedule control

### HARDWARE INTERFACE
- One RJ-45 WAN port
- Four RJ-45 Fast Ethernet LAN ports
- LED Indicators: Power, Wireless, WAN, LNK/ACT for LAN
- Two Detachable 3dBi antennas
- WPS / Reset button
- Switch for wireless on/off

### MANAGEMENT
- 12-language User Interface
- Supports Remote Management
- Supports EZView Management
- System Status and Security Log (Web Interface)
- Firmware upgradeable

<table>
<thead>
<tr>
<th>WAN</th>
<th>SECURITY</th>
<th>OUTPUT POWER &amp; SENSITIVITY</th>
<th>GAIN</th>
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</thead>
<tbody>
<tr>
<td>- Supports WISP connection mode</td>
<td>NAT/NAPT IP Sharing</td>
<td>11n: 16±1dBm, 11g: 16±1dBm, 11b: 18±1dBm</td>
<td></td>
</tr>
<tr>
<td>- Supports RJ-45 cable/xDSL modem</td>
<td>64/128-bit WEP Encryption and WPA-PSK, WPA2-PSK security</td>
<td>11n (40MHz): -68dBm, 11n (20MHz): -71dBm, 11g: -74dBm, 11b: -87dBm</td>
<td></td>
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<tr>
<td>- WAN protocol: PPPoE/Static IP/PPTP/Dynamic IP/L2TP/Telstra Big Pond</td>
<td>DHCP Server/Client</td>
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<td></td>
<td>QoS for critical operations</td>
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<td></td>
<td>SPI Anti-DoS Firewall</td>
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### MEMORY
- 4 MB NOR Flash
- 16 MB SDRAM

### INSTALLATION KIT
- Multilingual EZMax Setup Wizard

### POWER ADAPTER
- DC 12V, 1A

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th>CERTIFICATIONS</th>
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<tbody>
<tr>
<td>179 (W) x 133 (D) x 25 (H) mm</td>
<td>CE, FCC, WiFi, WPS</td>
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</tbody>
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### TYPICAL SETUP DIAGRAM AND RELATED PRODUCTS