The Edimax AR-7286WnA/B is a high performance router that provides full ADSL2+ capability and superb reliability as a cost-effective networking solution for homes. Compatible with the 802.11n wireless standard and with advanced MIMO technology, the AR-7286WnA/B provides better data transmission rates (up to 300Mbps) and better coverage than a standard 802.11g/b router.

All-in-One Device
The AR-7286WnA/B is a wireless N router with a built-in ADSL2/ADSL2+ modem combining a high-performance router, modem, and a switch into a single device. Save desk space, the hassle of extra cords & cables and the cost of leasing a router from your DSL service provider.

Powerful and Wide Coverage
Featuring two 5dBi high-gain antennas, the AR-7286WnA/B boosts your signal to ensure extended wireless networking range.

Four-Networks-in-One
The AR-7286WnA/B supports multiple SSIDs for up to four wireless networks.

Lightning Protection
Protected from lightning strikes to help your device avoid the damage of a tough thunderstorm.

Supports TR-069 for Remote Management
The AR-7286WnA/B also supports TR-069 which is a protocol to define a common method for CPE devices to communicate with a server.

Wi-Fi Protected Setup (WPS)
Wi-Fi Protected Setup is a quick and convenient method of establishing wireless connections between compatible devices. Set up a wireless network in less than a minute with just a couple of clicks of a button or easily add new Wi-Fi devices to an existing network.

Easy Setup Wizard with Built-in ISP Selector
Setup the ADSL modem router using the unique and convenient multi-language setup wizard provided on the included CD-ROM or available through a web browser. Select your language and follow a few simple steps to setup the router and configure the Internet connection, password, SSID and wireless security. Additionally, the setup wizard includes a built-in ISP selector to configure your ISP settings automatically.
FEATURES
• 300Mbps wireless transmission rate with MIMO technology for a smooth wireless N experience
• Supports multiple SSIDs for up to four wireless networks
• Easy wireless security encryption with a push of the WPS button
• Powerful 5dBi antennas
• Easy setup wizard with built-in ISP selector

TECHNICAL SPECIFICATIONS

**HARDWARE INTERFACE**
- 1 x RJ-11 WAN-port
- 1 x RJ-45 Fast Ethernet LAN ports
- 1 x Reset button for factory default settings
- 1 x WPS button
- 2 x 5dBi antenna
- Power on/off button
- LED indicators: power, ADSL, LAN 1–4, WLAN, WPS

**SECURITY**
- Management access control for LAN/WAN sides
- Prevent port scanning, denial-of-service (DoS) and LAND attacks
- Stateful packet inspection (SPI)
- IP spoofing, IP with zero length
- IP/MAC filtering, application filtering, URL filter

**HUMIDITY & TEMPERATURE**
- Operating: 0 to 40°C
- Storage: -40 to 70°C
- Operating: 10 to 90% RH (Non-condensing)
- Storage: 5 to 95% RH (Non-condensing)

**APPLICATION DIAGRAM**

**PRODUCT SPECIFICATIONS**
AR-7286WnA/ AR-7286WnB

**CERTIFICATIONS**
- CE

**WEB BASED CONFIGURATION**
- Web page/XMODEM/FTP/TFTP firmware upgrade
- Command-line interface via serial port, telnet or SSH
- Universal Plug and Play (UPnP)
- WAN Management Protocol (TR-069)
- Date/time update from SNTP time server

**WIRELESS FEATURES**
- Compatible with IEEE 802.11b, IEEE 802.11g and IEEE 802.11n
- Supports auto channeling
- 272R mode with 300Mbps PHY rate for both transmitting and receiving
- Legacy and high throughput modes
- 20MHz/40MHz Bandwidth
- Supports 64/128-bit WEP, 802.1x, WPA and WPA2 wireless security
- Multiple SSID support
- Wireless frequency range: 2400–2483 MHz ISM band

**ROUTING FEATURES**
- Routing (TCP/IP/UDP/ARP/ICMP)
- 802.1D MAC Bridge
- RIP v1 (RFC1058), RIP v2 (RFC1723)
- IGMP Snooping (V1/V2/V3)
- IGMP Proxy (V1/V2)
- VLSM (RFC1878)
- RFC 1877 PPP IPCP Extensions for Name Server Address
- RFC 1877 PPP IPCP Extensions for Name Server Addresses (limited to DNS addresses unless the device supports NetBIOS)
- RFC 0791 IP Fragmentation
- IETF RFC 0919, IETF RFC 0922, IETF RFC 2644 IP Broadcast

**CHIPSET & MEMORY**
- RT63365+RT5390HL+RT63087
- 8 MB NOR Flash
- 2 MB DRAM

**OUTPUT POWER**
- 11n: 14/1:5dBm
- 11g: 15/1:5dBm
- 11b: 16/1:5dBm

**CERTIFICATIONS**
- CE