EDIMAX
NETWORKING PEOPLE TOGETHER

11n Speed

High Gain Antenna For Better Coverage

User Group Management

Lightning Protected

Easy Setup Wizard, Built-In ISP Selector

AR-7286WnA/ AR-7286WnB

N300 Wireless ADSL Modem Router

300Mbps Wireless ADSL2/2+ Modem Router
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.

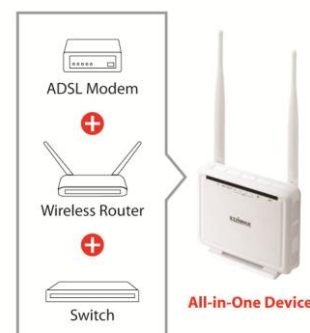### Supports TR-069 for Remote Management
The AR-7286WnA/B also supports TR-069 which is a protocol to define a common method for CPE devices to communicate with a server.

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.

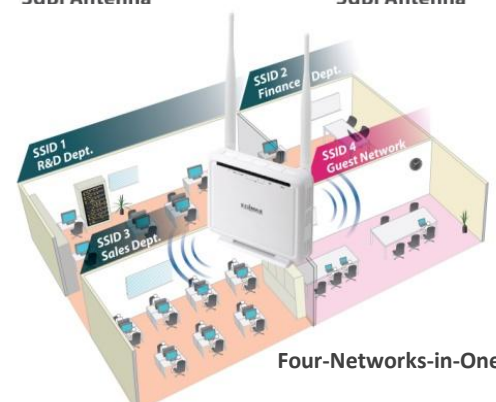### Easy Setup Wizard with Built-in ISP Selector
Setup the ADSL modem router using the unique and convenient multi-language setup wizard provided on the included CD-ROM or available through a web browser. Select your language and follow a few simple steps to setup the router and configure the Internet connection, password, SSID and wireless security. Additionally, the setup wizard includes a built-in ISP selector to configure your ISP settings automatically.

ADSL Modem + Wireless Router + Switch

All-in-One Device

3dBi Antenna

EW-7286WnA/B

5dBi Antenna

Four-Networks-in-One

N300 Wireless ADSL Modem Router

AR-7286WnA/ AR-7286WnB

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
- Support VPN Pass-Through (PPTP/L2TP/IPsec)

TECHNICAL SPECIFICATIONS

HARDWARE INTERFACE	MANAGEMENT	OUTPUT POWER
✴ 1 x RJ-11 WAN-port ✴ 4 x RJ-45 Fast Ethernet LAN ports ✴ 1 x Reset button for factory default settings ✴ 1 x WPS button ✴ 1 x WLAN button ✴ 2 x 5dBi antenna ✴ Power on/off button ✴ LED indicators: power, ADSL, LAN 1–4, WLAN, WPS	✴ 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	✴ 11n: 14$\pm$1.5dBm, ✴ 11g: 15$\pm$1.5dBm ✴ 11b: 16$\pm$1.5dBm

ADSL FEATURES	WIRELESS FEATURES	ROUTING FEATURES
✴ Annex A, B,I, J, L & M ✴ ANSI T1.413i2 ✴ ITU G.992.1 (G.dmt), ITU G.992.2 (G.lite) ✴ ITU G.992.3 ADSL2 (G.dmt.bis), ITU G.992.4 (G.lite.bis) ✴ ITU G.992.5 (G.dmt.bisplus), ITU G.994.1 (G.hs) ✴ ITU G.995.1, ITU G.996.1, ITU G.997.1 ✴ Power saving mode, L3 to L0 initialization ✴ Supports multiple PVCs ✴ Supports traffic shaping (ATM QoS) UBR, CBR, VBR-rt, VBR-nrt ✴ Supports OAM F4/F5 loop-back, AIS, and RDI OAM cells ✴ UNI 3.1/4.0 permanent virtual circuits	✴ Compatible with IEEE 802.11b,IEEE 802.11g and IEEE 802.11n ✴ Supports auto channeling ✴ 2T2R 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 BSSID support ✴ Wireless frequency range: 2400–2483 MHz ISM band	✴ 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

SECURITY	FREQUENCY & MODULATION	CHIPSET & MEMORY
✴ 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	✴ 2400–2484 MHz ✴ 802.11b: CCK, DQPSK, DBPSK ✴ 802.11g: 64QAM, 16QAM, QPSK, BPSK, DSSS ✴ 802.11n: 64QAM, 16QAM, QPSK, BPSK	✴ RT63365+RT5390HL+RT63087 ✴ 2 MB NOR Flash ✴ 8 MB SDRAM

HUMIDITY & TEMPERATURE	DIMENSION , WEIGHT & POWER	CERTIFICATIONS
✴ Operating: 0 to 40°C ✴ Storage: -40 to 70°C ✴ Operating: 10 to 90% RH (Non-condensing) ✴ Storage: 5 to 95% RH (Non-condensing)	✴ 135 x 118 x 28 mm ✴ 187g ✴ 12V DC, 0.5A	✴ CE

APPLICATION DIAGRAM