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.
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

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

FEATURES

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

ADMX FEATURES

Amex A, B, J, L & M
ANSI T1.413/2
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

WIRELESS FEATURES

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
80MHz/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

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

FREQUENCY & MODULATION

2400–2484 MHz
802.11b: CCK, DQPSK, DBPSK
802.11g: 64QAM, 16QAM, QPSK, BPSK, DSSS
802.11n: 64QAM, 16QAM, QPSK, BPSK

HUMIDITY & TEMPERATURE

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

DIMENTION, WEIGHT & POWER

135 x 118 x 28 mm
187g
12V DC, 0.5A

CERTIFICATIONS

• CE

APPLICATION DIAGRAM

Maximum performance, actual data rates, and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.
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