



High Gain Antenna
For better coverage



Multiple SSIDs
User group management



Lightning Protected
Reliability and safety



Easy Setup Wizard
A quick installation

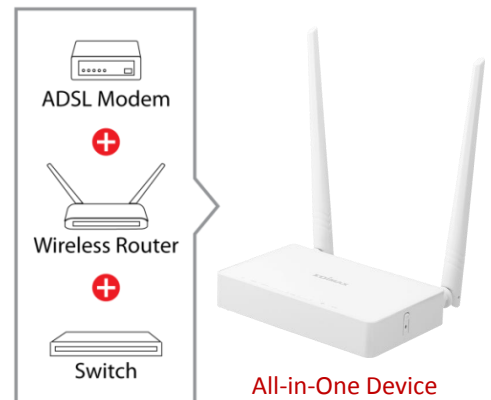
N300 Wireless ADSL2+ Modem Router

Introduction

The Edimax AR-7287WnA is a high performance router that provides full ADSL2+ capability and superb reliability as a cost-effective networking solution for home. Compatible with the 802.11n wireless standard and with advanced MIMO technology, the AR-7287WnA provides up to 300Mbps data transmission rates and better coverage than a standard 802.11g/b router.

All-in-One Device

The AR-7287WnA is combining a high-performance router, modem, and a switch into a single device. The design frees up shelf space and no need 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-7287WnA boosts your signal to ensure extended wireless networking range.

Multiple SSIDs

The AR-7287WnA 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

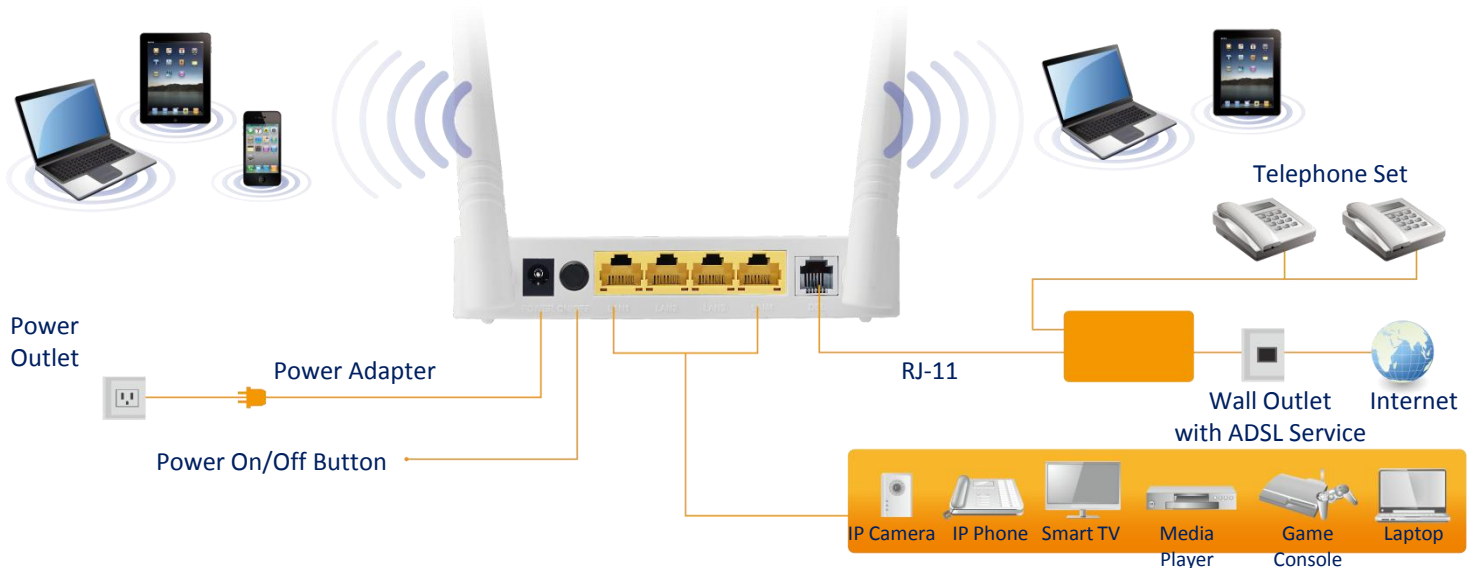
The AR-7287WnA also supports TR-069 which is a protocol to define a common method for CPE devices to communicate with a server.



Easy Setup Wizard with Built-in ISP Selector

Setup AR-7287WnA using the unique and convenient multi-language setup wizard and follow a few simple steps to finish setup. The setup wizard includes a built-in ISP selector to configure your ISP settings automatically.

Application



How AR-7287WnA Meets Your Needs?

- 300Mbps wireless transmission rate with MIMO technology for better Wi-Fi experience
- Powerful 5dBi antennas to boost reliable signal to ensure extended Wi-Fi range
- Supports multiple SSIDs for up to four wireless networks
- Supports VPN Pass-Through (PPTP/L2TP/IPsec)
- Easy wireless security encryption with a press of the WPS button
- Easy setup wizard with built-in ISP selector
- Reach of 6.5Km from your ISP DSLAM

SPECIFICATIONS

AR-7287WnA N300 Wireless ADSL2+ Modem Router

HARDWARE

Interface	<ul style="list-style-type: none"> • 1 x RJ-11 WAN-port • 4 x RJ-45 Fast Ethernet LAN ports
Button	<ul style="list-style-type: none"> • 1 x Reset button for factory default settings • 1 x WPS/Wi-Fi button • 1 x Power on/off button
LED Indicator	• Power, ADSL, Internet, LAN 1–4, WLAN, WPS
Antenna	• 2 x 5dBi external antenna
Chipset	<ul style="list-style-type: none"> • DSL : RTL 8676S +RTL 8271B • Wireless :RTL 8192ER
Memory	<ul style="list-style-type: none"> • 2MB NOR Flash • 16MB SDRAM
Power Adapter	• 12V DC, 0.5A
Dimension	• 223(L)mm x 132(W)mm x 25(D)mm
Weight	• 155g

WIRELESS

Standards	• 802.11 b/g/n
Frequency	• 2.4GHz
Maximum Data Speed	• 2.4GHz up to 300Mbps
Output Power	<ul style="list-style-type: none"> • 2.4GHz: <ul style="list-style-type: none"> - 11b: 16dBm-19dBm - 11g: 14dBm-16dBm - 11n: 13dBm-15dBm
ADSL Features	<ul style="list-style-type: none"> • 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
Routing Features	<ul style="list-style-type: none"> • Routing (TCP/IP/UDP/ARP/ICMP) • 802.1D MAC Bridge • RIP v1 (RFC1058), RIP v2 (RFC1723) • IGMP Snooping (V1/V2) • IGMP Proxy (V1/V2/V3) • VLSM (RFC1878) • RFC 1877 PPP IPCP Extensions for Name Server Address • RFC 1877 PPP IPCP Extensions for Name Server Address (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	<ul style="list-style-type: none"> • Denial-of-service (DoS) attack prevention • Hardware WPS configuration • 64/128-bit WEP, WPA and WPA2 security

SPECIFICATIONS

AR-7287WnA N300 Wireless ADSL2+ Modem Router

OTHERS

Certification • CE, RoHS

Management • 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

System Requirements • Computer (with Fast Ethernet adapter or wireless adapter) running Windows 98/2000/XP/Vista/7/8/8.1/10, Linux, Mac OS
• Web browser (Internet Explorer, Firefox, Opera, Safari)
• ADSL subscription

Environment • Operating Temperature: 0°C~40°C (32°F ~104°F)
• Storage Temperature: -40°C~70°C (-4°F ~158°F)
• Operating Humidity: 10%~90% non-condensing
• Storage Humidity: 5%~95% non-condensing

Package Contents • 1 x AR-7287WnA N300 Wireless ADSL2+ Modem Router
• 1 x Ethernet cable / 2 x RJ-11 Cable / 1 x Splitter / 1 x Power Adapter
• 2 x Quick Installation Guide
• CD with multi-language QIG and user manual