EDIMAX
NETWORKING PEOPLE TOGETHER

11n
11n Speed

5dBi
High Gain Antenna
For Better Coverage

4 SSIDs
User Group Management

Lightning Protected
Lightning Protected

Easy Setup Wizard,
Built-In ISP Selector

AR-7182WnA/AR-7182WnB

N150 Wireless ADSL Modem Router

150Mbps Wireless ADSL2/2+ Modem Router
The Edimax AR-7182WnA/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-7182WnA/B provides up to three times better data transmission rates (up to 150Mbps) and five times better coverage than a standard 802.11g/b router.

Wide and Powerful Coverage
Featuring 5dBi high-gain antennas, the AR-7182WnA/B boosts your signal to ensure extended wireless networking range.

Four-Networks-in-One
The AR-7182WnA/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.

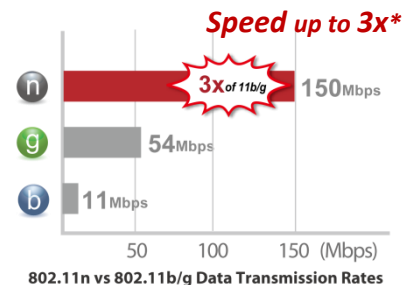## Supports TR-069 for Remote Management
The AR-7182WnA/B also supports TR-069 which is a protocol to define a common method for CPE devices to communicate with a server.
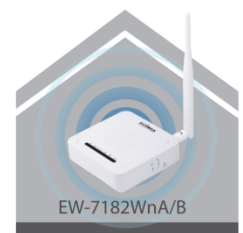
Wi-Fi Protected Setup (WPS)
Wi-Fi Protected Setup is a quick and convenient method of establishing wireless connections between compatible devices. Set up a wireless network in less than a minute with just a couple of clicks of a button or easily add new Wi-Fi devices to an existing network.
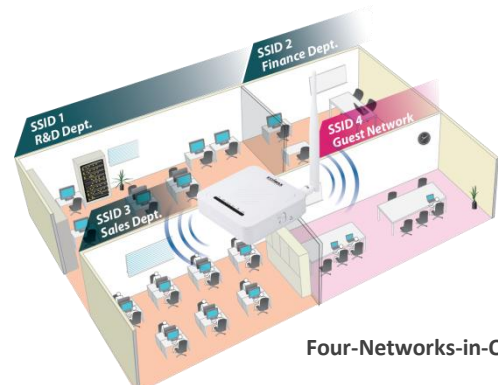
Easy Setup Wizard with Built-in ISP Selector
Setup the ADSL modem router using the unique and convenient multi-language setup wizard provided on the included CD-ROM or available through a web browser. Select your language and follow a few simple steps to setup the router and configure the Internet connection, password, SSID and wireless security. Additionally, the setup wizard includes a built-in ISP selector to configure your ISP settings automatically.

*Speed up to 3x**

n	**3x** of 11b/g 150 Mbps
g	54 Mbps
b	11 Mbps

50   100   150 (Mbps)
802.11n vs 802.11b/g Data Transmission Rates

3dBi Antenna

EW-7182WnA/B
5dBi Antenna

SSID 2 Finance Dept.
SSID 1 R&D Dept.
SSID 4 Guest Network
SSID 3 Sales Dept.

Four-Networks-in-One

N150 Wireless ADSL Modem Router

AR-7182WnA/AR-7182WnB

FEATURES

- 150Mbps 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 antenna
- Easy setup wizard with built-in ISP selector

TECHNICAL SPECIFICATIONS

HARDWARE INTERFACE	MANAGEMENT	OUTPUT POWER
❋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 ❋1 x WLAN button ❋1 x 5dBi antenna ❋Power on/off button ❋LED indicators: power, ADSL, LAN, 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±1.5dBm, ❋11g: 15±1.5dBm ❋11b: 16±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 ❋1T1R mode with 150Mbps 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	❋802.1D MAC Bridge ❋RIP v1 (RFC1058), RIP v2 (RFC1723) ❋IGMP Snooping (V1/V2/V3) ❋IGMP Proxy (V1/V2) ❋IPv4 , IPv6 (IPv6 ready logo Phase II core for router, Dual stack) ❋DHCP Server/Relay, DHCP Client (WAN Port) ❋PPPoE, PPPoA, IPoA , RFC 2684 Bridging/Routing ❋NAT and PAT & static routing ❋ALG (MSN Messenger, PPTP, L2TP, FTP, RTSP (RealTime Streaming Protocol), SIP v1/v2, H.323, IPSEC ❋DMZ, Virtual Server (Port forwarding) ❋VPN (IPSec, PPTP, L2TP) pass-through

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	❋RT63363 + RT5390HL + RT63087 ❋2 MB NOR Flash ❋8 MB SDRAM

HUMIDITY / TEMPERATURE	DIMENSIONS / 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)	❋109 x 102 x 33 mm ❋140g ❋12V DC, 0.5A ❋Consumption: 5W	❋CE

APPLICATION DIAGRAM