

AR-5382u

802.11n ADSL2+ Router



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Description

The AR-5382u is an 802.11n (300Mbps) Wireless ADSL2+ router.

AR-5382u has four 10/100 Base-T Ethernet ports, a Wi-Fi Protected Setup (WPS)

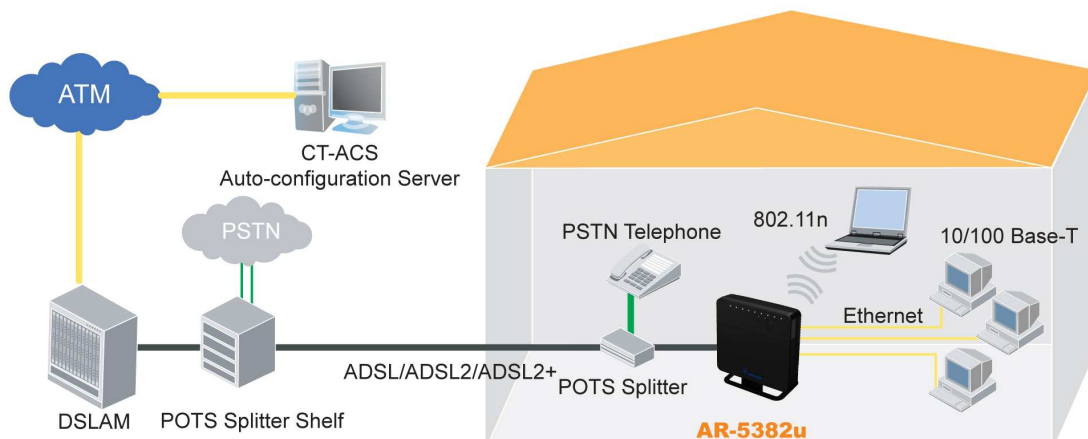
button and a Wi-Fi switch button, one USB Host, which can support 3G USB dongle, and is backward compatible with existing 802.11b (11Mbps) and 11g (54Mbps) equipment.

The AR-5382u ADSL2+ router also provides state of the art security features such as 64/128 bit WEP encryption and WPA/WPA2 encryption, Firewall, and VPN pass through. The AR-5382u is designed for both residential and business applications that require wireless and wired connectivity to an ADSL broadband network. The AR-5382u supports up to 16 contiguous virtual connections allowing for multiple simultaneous Internet connections. The AR-5382u is also designed with TR-068 compliant color panel, which eases the installation of the modem and makes it more user-friendly.

Features

- AR-5382u (Annex A)
- UPnP
- 2x2 MIMO wireless system
- Integrated 802.11n AP (Backward compatible with 802.11b/g)
- WPA/WPA2 and 802.1x
- Wi-Fi Protected Setup (WPS)
- Wireless Distribution System (WDS) support
- WMM
- RADIUS client
- IP/MAC address filtering
- Static route/RIP/RIP v2 routing functions
- Dynamic IP assignment
- IP QoS
- NAT/PAT
- IGMP Proxy
- DHCP Server/Relay/Client
- DNS Proxy
- Auto PVC configuration
- Per-VC packet level QoS
- Up to 16 VCs
- Embedded SNMP agent
- Web-based management
- Supports remote administration, automatic firmware upgrade and configuration
- Configuration backup and restoration
- FTP/TFTP server
- Supports TR-069/TR-098/TR-111 for remote management
- TR-068 compliant

Applications Diagram



AR-5382u

802.11n ADSL2+ Router



Specifications

Hardware Interface

RJ-11 X1 for ADSL, RJ-45 X 4 for LAN, WPS X 1, Wi-Fi switch x1, USB Host X1, Reset button X 1, Power switch X 1, Wi-Fi internal Antenna X2

WAN Interface

| | |
|------------------|--|
| ADSL standard | ITU-T G.992.5, ITU-T G.992.3, ITU-T G.992.1, ANSI T1.413 Issue 2 |
| G.992.5 (ADSL2+) | Downstream : 24 Mbps Upstream : 1.3 Mbps |
| G.992.3 (ADSL2) | Downstream : 12 Mbps Upstream : 1.3 Mbps |
| G.DMT | Downstream : 8 Mbps Upstream : 832 Kbps |
| AnnexM | |

LAN Interface

| | |
|-----------------|-------------------------|
| Standard | IEEE 802.3, IEEE 802.3u |
| 10/100 BaseT | Auto-sense |
| MDI/MDX support | Yes |

WLAN Interface

| | |
|-------------------------------|---|
| Standard | IEEE802.11n, backward compatible with 802.11b/g |
| Encryption | 64, 128-bit Wired Equivalent Privacy (WEP) Data Encryption/ WPA/WPA2 encryption |
| Channels | 11 Channels (US, Canada)/ 13 Channels (Europe)/ 14 Channels (Japan) |
| Data Rate | Up to 300Mbps |
| WPA/WPA2 | Yes |
| IEEE 802.1x | Yes |
| Afterburner mode (Turbo mode) | Yes (this feature is optional) |
| RF operating Frequency | 2.412-2.497GHz (Generic, 2.4GHz ISM Band), 2.400-2.4835GHz (Egypt, 2.4GHz ISM Band). |
| WMM | Yes |

ATM Attributes

| | |
|--|-------------|
| RFC 2364 (PPPoA), RFC 2684 (RFC 1483) Bridge/Route; RFC 2516 (PPPoE); RFC 1577 (IPoA), Annex M | |
| Support PVCs | 16 |
| AAL type | AAL5 |
| ATM service class | UBR/CBR/VBR |
| ATM UNI support | UNI3.1/4.0 |
| OAM F4/F5 | Yes |

Management

SNMP, Telnet, Web-based management, Configuration backup and restoration
Software upgrade via HTTP, TFTP server, or FTP server
Supports TR-069/TR-098/TR-111 for Remote Management

Bridge Functions

| | |
|-----------------------------------|-------------|
| Transparent bridging and learning | IEEE 802.1d |
| VLAN support | Yes |
| Spanning Tree Algorithm | Yes |
| IGMP Proxy | Yes |

Routing Functions

Static route, RIP, and RIPv2, NAT/PAT, DHCP Server/DHCP Relay/DHCP Client, DNS Proxy, ARP

Security Functions

| | |
|--------------------------|---|
| Authentication protocols | PAP, CHAP, TCP/IP/Port filtering rules, Port triggering/Forwarding, Packet and MAC address filtering, Access control, SSH |
|--------------------------|---|

QoS

L3 policy-based QoS, IP QoS, ToS

Application Passthrough

PPTP, L2TP, IPSec, VoIP, Yahoo messenger, ICQ, RealPlayer, NetMeeting, MSN, X-box, etc

Power Supply

| | |
|------------------------|---------------|
| External power adapter | 100 - 240 Vac |
|------------------------|---------------|

Environment Condition

| | |
|-----------------------|--------------------------|
| Operating temperature | 0 ~ 50 degrees Celsius |
| Relative humidity | 5 ~ 95% (non-condensing) |

Kit Weight (1*AR-5382u, 1*RJ11 cable, 1*RJ45 cable, 1*power adapter, 1*CD-ROM)

0.5KG

Note: Specifications are subject to change without notice.

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