

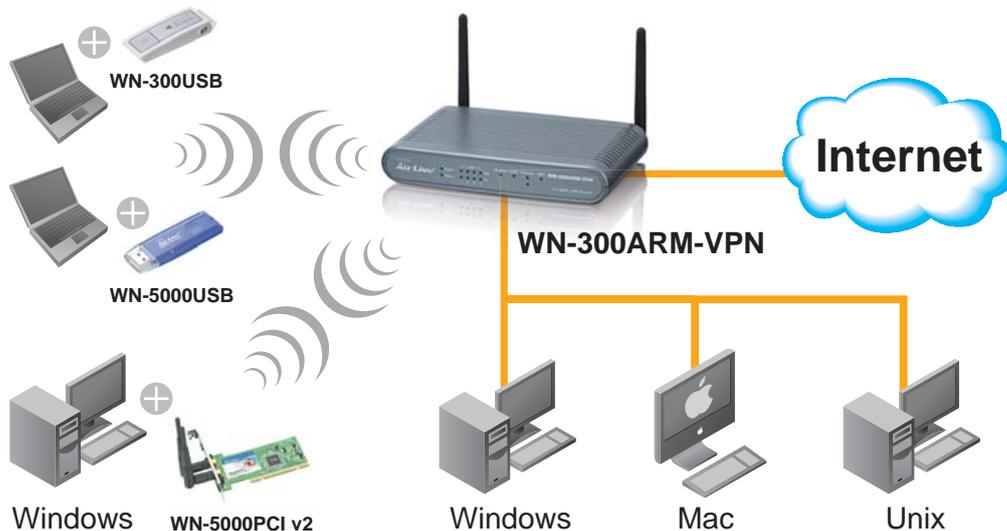
WN-300ARM-VPN

11N ADSL VPN Router

The WN-300ARM-VPN is an ideal product which combines ADSL broadband access and 802.11N Access Point for LAN connectivity. With 11n technology the wireless speed can reach to wired speed very easily. It also supports WPS (Wi-Fi Protected Setup) which provides an easy way to setup your wireless clients without any irksome procedure.

Features

- ADSL Annex A interoperable with ADSL, ADSL2/2+, T1.413, G.hs, G.DMT, G.lite, DELT, READSL2 and multi-mode
- ADSL Annex B U-R2 compliant
- Wireless 802.11N AP with two detachable dipole antenna
- WEP, WPA, WPA2, 802.1x support
- WPS button support
- IPSec VPN server support
- Up to 5 IPSec VPN tunnels
- DHCP Server supported for easy LAN IP address management
- Allows LAN users to access Internet through NAT simultaneously
- Integrated with bridge / router functionality
- Integrated with firewall functionality
- Web management for easy configuration and status monitoring



802.11n

WN-300ARM-VPN features with 802.11n Draft standard and provides for backward compatibility with the 802.11b standard, so it can be used for 802.11n, 802.11b and 802.11g Wireless stations simultaneously.

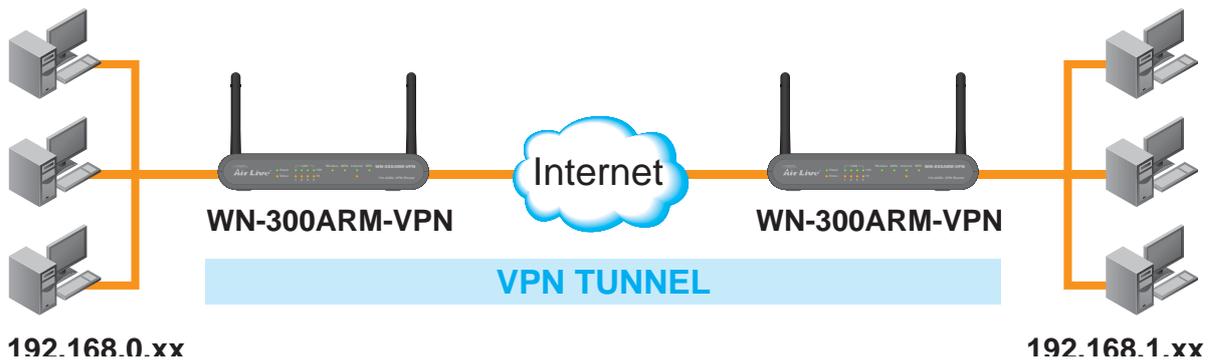
WN-300ARM-VPN is a WIFI Certified device with 2T2R technology, so user only needs to spend less money to surf data within 11N wireless network.

IPSec VPN

Server-to-Server VPN

Administrator can setup IPSec VPN connection between offices, in order to encrypt the data from being capturing during the data transferring.

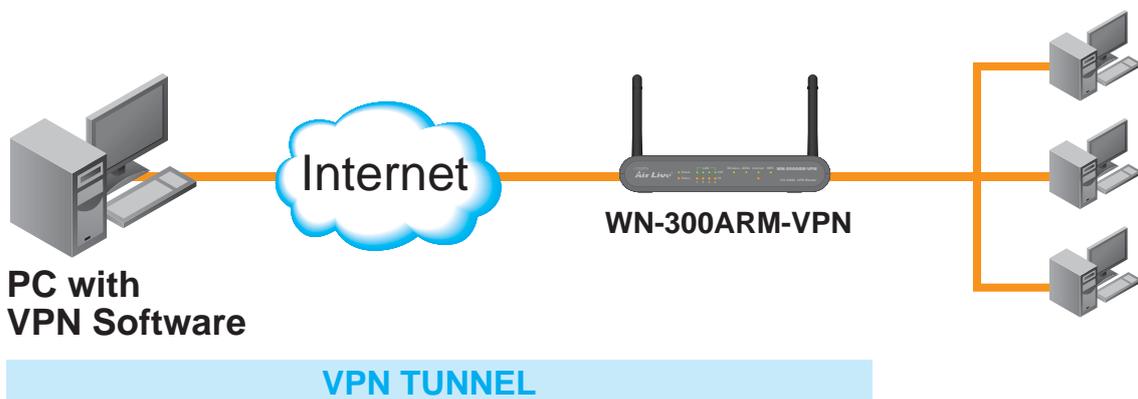
While users are at home, and when they want to access office's resource, via VPN connection the data can be protected without exposing to someone else.



Client-to-office VPN

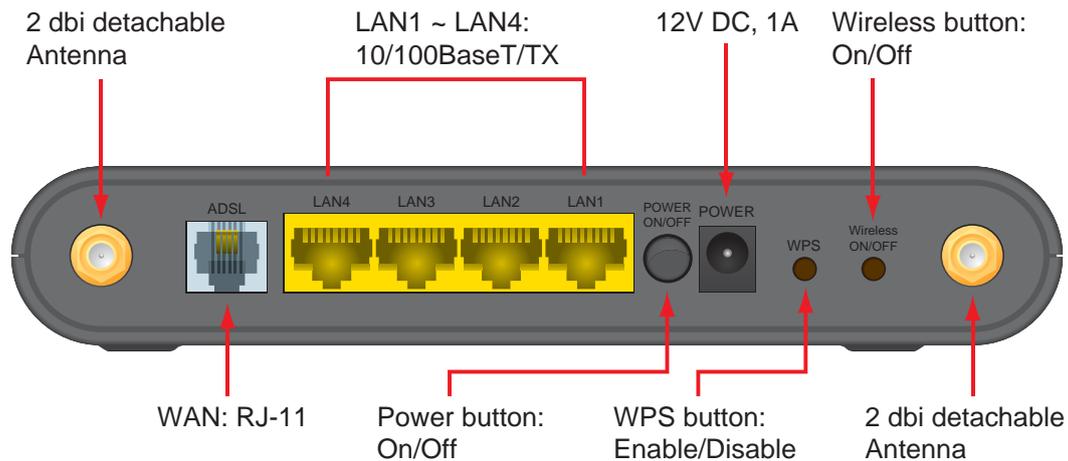
While users are at home, and when they want to access office's resource, via VPN connection the data can be protected without exposing to someone else.

The client's VPN software can be Microsoft IPSec program, or you can choose to download a 30-days trial version of AirLive VPN client software.



Full Compatibility with Turbo-G and Wireless-G

The AirLive Wireless-N family is fully compatible with Turbo-G and Wireless-G devices. In fact, they will run at full Turbo speed when linking with Turbo-G products. Therefore, you can get the maximum performance out of your legacy equipments. The AirLive Wireless-N technology protects your current investment while making your wireless network ready for the future.



Specifications

Hardware specifications

- Processor: Broadcom BCM6348S
- RF: Broadcom BCM4322
- RAM: 32Mb
- Flash: 8Mb
- Interface:
 - WAN: RJ-11 x 1
 - LAN: RJ45 x 4, 10/100BaseT/TX, Half/Full Duplex, Auto MDI/MDI-X
 - Wireless: 2 dBi detachable Antenna x 2
- Dimension: 157 x 99 x 30 mm(W x D x H)
- Operating Temperature: 0° C to 40° C
- Storage Temperature: -20° C to 70° C
- Power Unit: DC 12V, 1A

Wireless Specifications

- Standard: IEEE 802.11b/g, 802.11n Draft
- Frequency: 2.4 to 2.4835GHz (Industrial Scientific Medical Band)
- Transfer Rate:
 - IEEE 802.11b: 11M/5.5M/2M/1M

- IEEE 802.11g: 54M/48M/36M/24M/18M/12M/11M/9M/6M TBD
- IEEE 802.11n (40Mhz): 270M/243M/240M/216M/180M/162M/ 120M/108Mbps
- IEEE 802.11n (20Mhz): 145M/130M/117M/104M/78Mbps
- Transmission mode:
 - IEEE 802.11b: CCK (11Mbps, 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps)
 - IEEE 802.11g: OFDM
 - IEEE 802.11n Draft 2.0: OFDM
- Modulation System:
 - IEEE 802.11b: DBPSK, DQPSK, CCK
 - IEEE 802.11g: BPSK, QPSK, 16-QAM, 64-QAM, OFDM
- Access Method: CSMA/CA
- Security: WEP (64bit/128bit), WPA-PSK, WPA2-PSK, TKIP, AES, MAC Address Filtering
- Correspondence Mode: Infrastructure
- Output Power: 13dBm (typical)
- Receiver Sensitivity: -80dBm Min.

ADSL Specifications

- TM Cell over AAL5
- Support UBR/CBR/VBR
- VPI range (0-255) and VCI range (32-65535)
- Support Multiple-PVC
- Support OAM FA/F5 Loopback
- Payload Encapsulation:
 - RFC2684 (RFC1483/2684), multi-protocol over ATM
 - RFC2684 (RFC1483/2684), bridge mode
 - RFC2364, PPP over ATM (CHAP and PAP supported)
 - RFC2516, PPPoE (PPP over Ethernet) over ATM
 - Support auto-detection for VPI/VCI (VPI: 0 ~ 10, VCI: 32 ~ 90) and multiplexing method (VC-based, LLC-based)

System Specifications

- Protocol Support
 - DHCP client/server for LAN
 - SMTP
 - NTP (Network Time Protocol)
 - DHCP client for WAN
- Routing
 - Cross segment Static Route
 - RIP1, RIP2
- Firewall
 - NAT
 - Attack Alert by email and log
 - SPI, DoS (Denial of Service)
 - Access Control
 - Port Forwarding
 - Port Range Forwarding
 - Schedule-based URL Content Filtering

- VPN Pass-through: IPSec, PPTP, L2TP
- QoS
 - Rate Control
 - Priority
 - WMM QoS: Auto detect packets and enable the function
- Management: Web
- UPnP
- DNS Proxy
- DDNS
- Virtual Server
- DMZ
- WDS
- ALG (Application Layer Gateway)

IPSec VPN

- IPSec VPN Server
- Up to 5 IPSec VPN tunnels
- Encryption: 3DES
- Authentication: MD5, SHA-1
- DH (Diffie-Hellman) Group: Group1 (768 bit), Group2 (1024 bit), Group5 (1536 bit)
- PFS auto-detect: Enable/disable

Certificates

- CE, FCC

Ordering Information:

AirLive WN-300ARM-VPN

11N ADSL VPN router Annex A / B