

WN-301USB

Wireless 11b/g/n 300Mbps USB Dongle

The AirLive WN-301USB is a compact high-speed USB device that allows you to connect your desktop computer or notebook computer to a wireless network, this handy adapter supports the latest Wireless-N technology for greater wireless reception and enhanced the network link speed. This adapter is also compatible with 802.11b and 802.11g wireless access points and wireless routers, giving you the flexibility to start upgrading your wireless network without the need to replace your existing equipment.



300Mbps

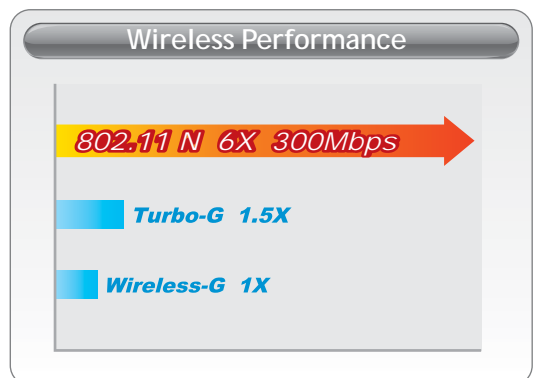
Wireless N USB Dongle

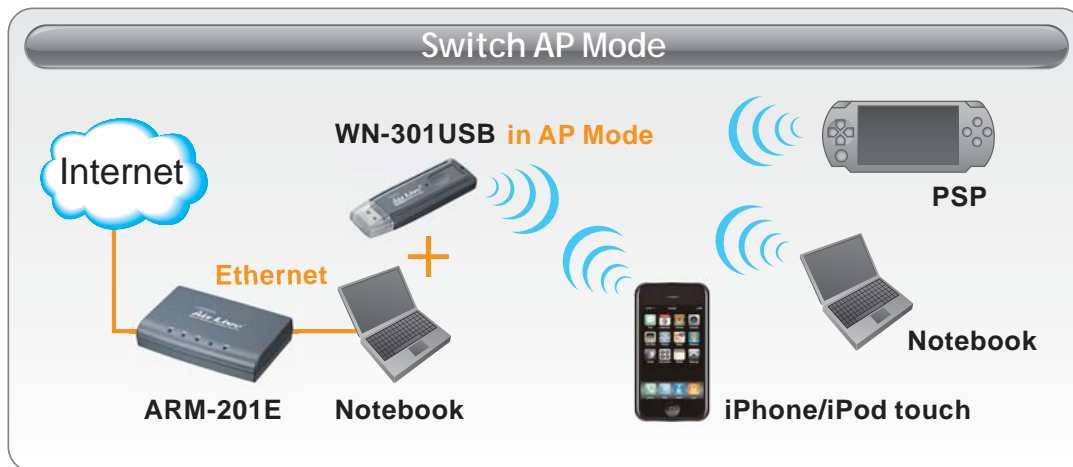
Wireless-N Technology

The new Wireless-N technology has dramatically increased the overall performance of a wireless network. With the enhanced transfer speed and coverage, the new Wireless-N technology greatly surpasses 802.11g. It delivers up to 3x faster data transfer speed than Wireless-G. This new standard uses the MIMO (Multiple-Input-Multiple-Output) and smart antenna technology which allows you to connect at extend distances around home or office.

Switch to AP Mode

No Wireless Access Point at home but needs it occasionally? AirLive WN-301USB can solve your problem by switching to AP mode. It allows you to share the Internet connection wirelessly with your friends or any other portable devices with Wi-Fi equipped.





Wireless Network Security

The AirLive WN-301USB supports the industrial strength encryption method – WPA2, the powerful encryption which helps keep your communications and information private.

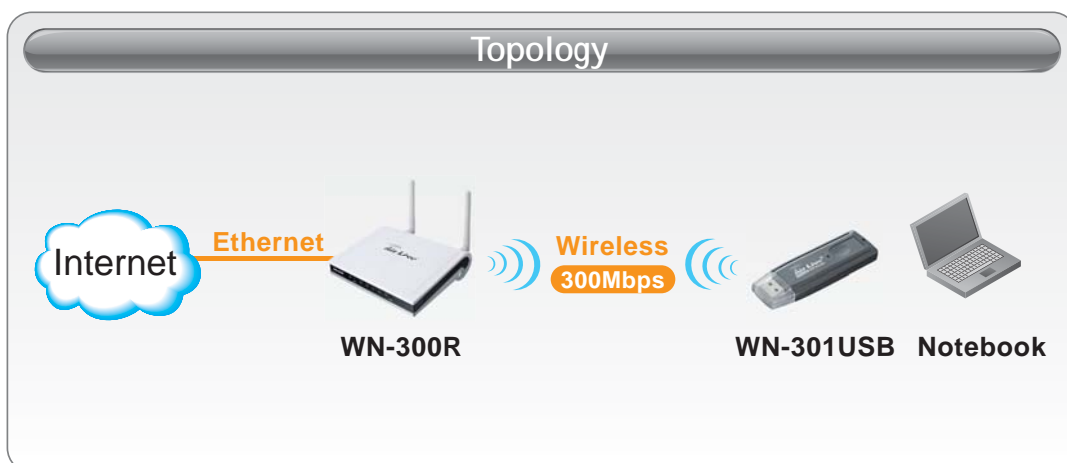
WPS

Wi-Fi Protect Setup is designed to ease the task of setting up and configuring security on wireless local area networks. Wi-Fi Protected Setup enables typical users who possess little understanding of traditional Wi-Fi configuration and security settings to automatically configure new wireless networks

* The 802.11n mode works only when using with other 802.11n devices.

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

Standards

- IEEE 802.11b
(1/2/5.5/11Mbps Wireless LAN)
- IEEE 802.11g
(6/9/12/24/36/48/54Mbps Wireless LAN)
- IEEE 802.11n
(20MHz up to 72Mbps Wireless LAN)
- IEEE 802.11n
(40MHz up to 150Mbps Tx/300Mbps Rx
Wireless LAN)

General

- Interface: Hi-Speed USB 2.0
- Chipset: Ralink
- Frequency band: 2.4000 – 2.483 GHz (Industrial
Scientific Medical Band)
- Modulation technologies:
 - 802.11b: Direct Sequence Spread Spectrum
(DSSS): DBPSK, DQPSK, CCK
 - 802.11g: Orthogonal Frequency Division
Multiplexing (OFDM): BPSK, QPSK, 16QAM,
64QAM
 - 802.11n: Orthogonal Frequency Division
Multiplexing (OFDM): BPSK, QPSK, 16QAM,
64QAM
- Security:
 - 64/128-bit WEP data encryption
 - WPA and WPA2
 - 802.1x
 - Cisco CCX
- Transmit power:
 - 11n: 15 dBm +/- 1.5 dBm
 - 11g: 15 dBm +/- 1.5 dBm
 - 11b: 17 dBm +/- 1.5 dBm

Receive Sensitivity:

- 11n (40MHz): -61dbm
- 11n (20MHz): -66dBm
- 11g: -68dBm
- 11b: -83dBm
- Certification: FCC Class B, CE Mark
- Antenna
 - Internal Printed Antenna

LEDs

- Link/Activity

Environmental

- Dimensions: 26 (W) x 82 (L) x 9 (H) mm
- Weight: 0.14 kg
- Operating temperature: 0 ~ 40°C (32 ~ 104°F)
- Operating humidity: 10 ~ 90% RH, non-
condensing
- Storage temperature: -20 ~ 60°C (-4 ~ 14°F)

Package Contents

- WN-301USB
- Quick Start Guide
- Software CD

Ordering Information:

AirLive WN-301USB Wireless 11b/g/n 300Mbps USB Dongle