

802.11n Micro Wireless USB Adapter



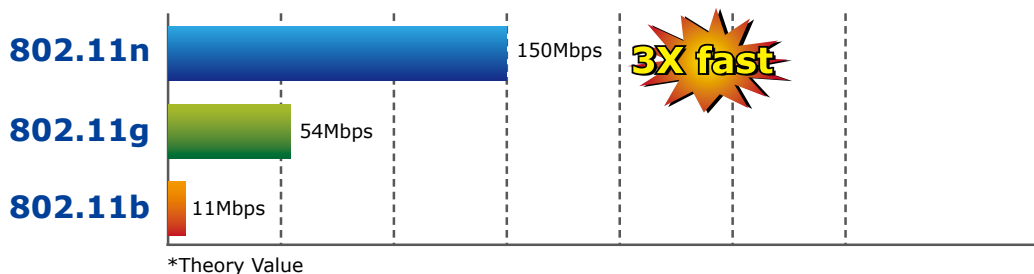
Ultra Mini Size Portable USB Adapter Boost 11n Performance

The PLANET WNL-U554M is specially designed for users who need high mobility and provides 150Mbps 802.11n high speed wireless transmission. The ultra mini size compact design of WNL-U554M is convenient to carry for all mobile users. Users will not need to remove it from the laptop anymore, no matter operating, moving, or even put the laptop back to the briefcase. It is just like a part of the laptop or PC and hidden very well once it is plugged into USB port.



High Speed 802.11n Wireless Experience

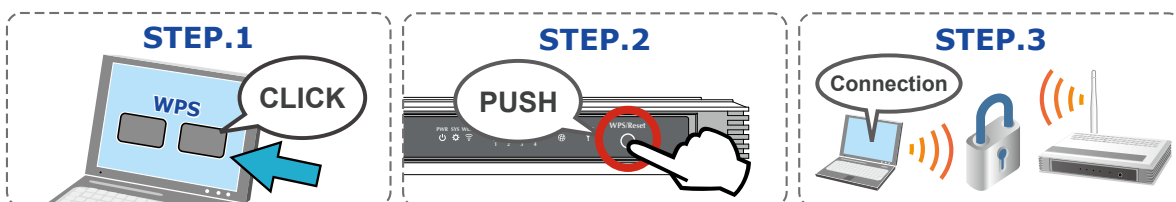
The WNL-U554M Wireless Micro USB adapter offers a reliable and cost effective wireless extending solution. It adopts IEEE 802.11n technology and is backward compatible with IEEE 802.11b and 802.11g. The WNL-U554M USB 2.0 supported interface that integrates one transmit channel and one concurrent receive channel, enables the speed up to 150Mbps for both data upload and download. With the ultra compact design, the WNL-U554M helps to upgrade the uses laptop and PC from 802.11b/g wireless to 150Mbps 802.11n wireless seamlessly.



Advanced Wireless Security

The WNL-U554M provides advanced security features including 64/128-bit WEP, WPA / WPA2 and WPA-PSK / WPA2-PSK with TKIP/AES encryption. Moreover, in order to simplify the security configurations, WPS (Wi-Fi Protected Setup) function is included to offer a convenient and fast method for users as well.

WPS (Wi-Fi Protected Setup) Quick & Easy Wireless connection

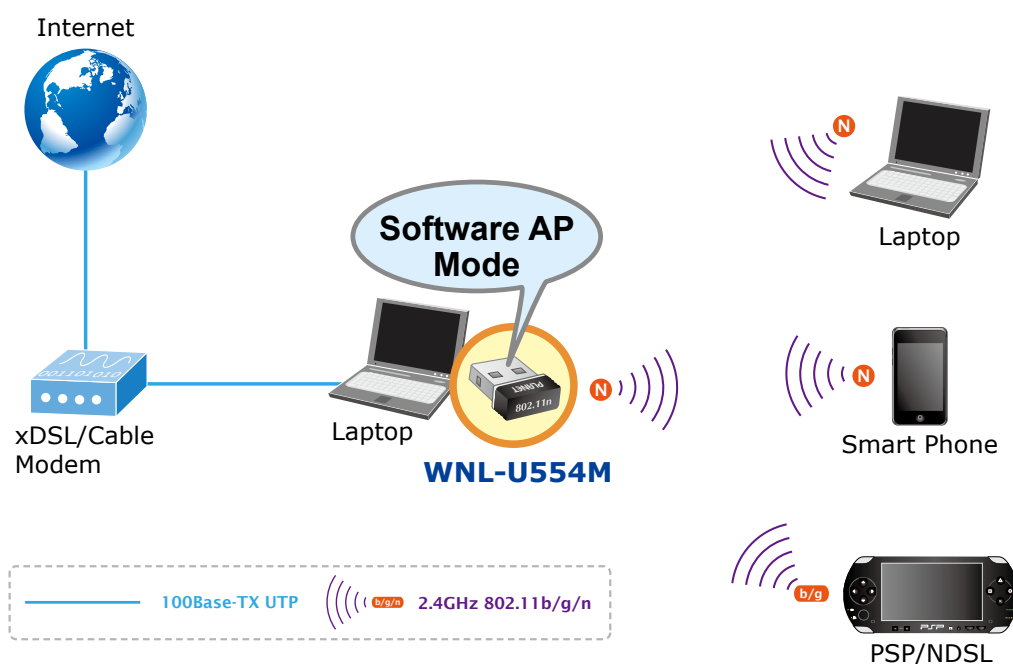


Multiple OS Compliant

The WNL-U554M supports most popular operating systems including Windows 2000, XP, Vista, Win7, Linux, and MAC OS X. With high speed capability, users can have higher wireless transmission speed anywhere and anytime.

Software Access Point Function for Wireless Connection Sharing

Ever experience that there is only wired Internet access available in the hotel room so you could not have your PDA, Smart Phone or iPad access to Internet by wireless? Or, you have to wait for Internet access in turn with your roommate? More than just being an adapter for PC and laptop connecting to high speed wireless network, the WNL-U554M can also become a wireless access point. By applying the USB Wireless LAN Utility included in the package, users can switch the WNL-U554M operation between Station mode and Access Point mode. When the WNL-U554M is in the Access Point mode, it enables the connected Wi-Fi devices such as iPhone / Android / Symbian / Windows smart mobile phone, iPod Touch / iPad and NDS / PSP turn to a Wi-Fi Hotspot and can share wireless access.



Easy Installation Wizard

The WNL-U554M provides an easy installation wizard in 35 languages. It guides users step by step through the installation process.

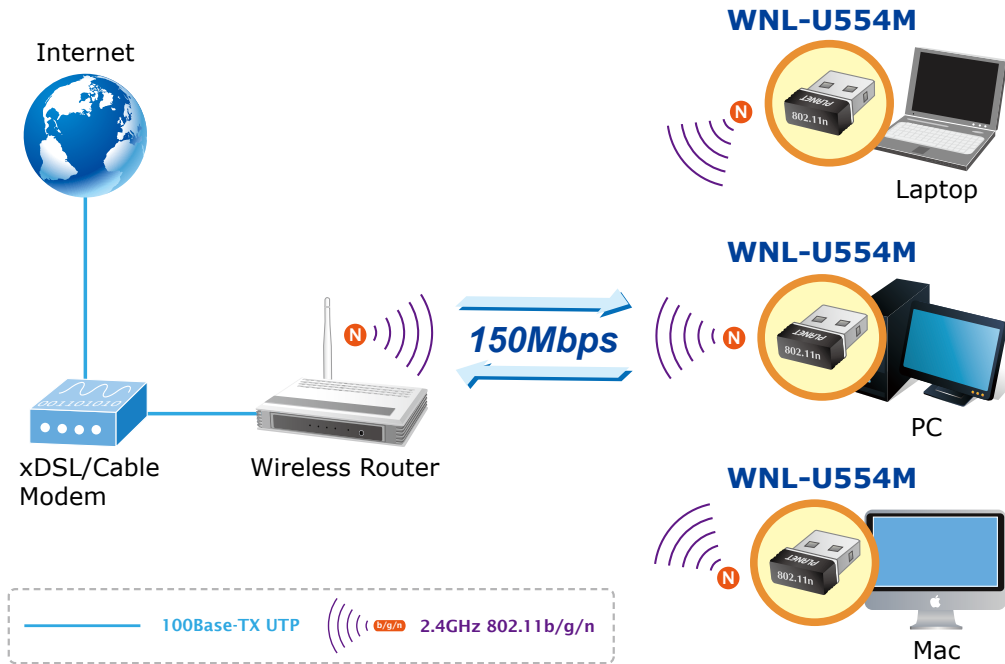
KEY FEATURES

- Ultra mini size, portable and compact design
- 2.4GHz ISM band, unlicensed operation
- Compliant with IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
- Provides up to 150Mbps download and 150Mbps upload data rate
- Wi-Fi Protected Setup (WPS) support
- Supports WEP 64/128, WPA, WPA-PSK, WPA2, WPA2-PSK (TKIP/AES encryption)
- Supports QoS-WMM (WiFi Multi-Media) function / WMM-PS
- Software AP Function for wireless sharing
- USB 2.0 / 1.1 attached interface
- Supports most popular operating systems including Windows 2000, XP, Vista, Win7, Linux, and MAC OS X

APPLICATIONS

Easy to Use and Safety Connection

Connect the WNL-U554M to your PC or notebook, you can easily share a secure wireless network for high-speed Internet access, file transmission or media stream in your home or office. Moreover, the WNL-U554M enhances the safety connection by multiple advanced security features.



SPECIFICATION

Product	802.11n Micro Wireless USB Adapter
Model	WNL-U554M
Hardware Specification	
Interface	USB 2.0, Type-A
Antenna	1x Internal Omni-directional Antenna (1T1R)
LED	1 x Link / Active (Green)
Operation Voltage	5V DC, power source from USB port
Dimension (W x D x H)	18 x 14.4 x 6 mm
Weight	0.3g
Wireless Specification	
Standards Conformance	IEEE 802.11n IEEE 802.11g IEEE 802.11b
RF Modulation	DBPSK, DQPSK, CCK, OFDM
Frequency Band	2412~2483.5 MHz
Data Rate	802.11n(20MHz): up to 72 Mbps (40MHz): up to 150 Mbps 802.11g: 6/9/12/24/36/48/54Mbps 802.11b: 1/2/5.5/11Mbps
Wireless Transmit Power	18dBm@802.11b 14dBm@802.11g 14dBm@802.11n
Receiver Sensitivity	135M: -68dBm@10% PER 54M: -68dBm@10% PER 11M: -85dBm@8% PER
Operating Mode	Ad-Hoc, Infrastructure, Soft AP
Encryption Security	WEP 64/128-bit WPA-PSK / WPA2-PSK (TKIP/AES) WPA / WPA2 (TKIP/AES)
Wireless Advanced	Supports 802.11e WMM (Wi-Fi Multimedia) Supports software WPS (Wi-Fi Protected Setup)
Management	The utility included in the package or Windows XP Zero Configuration utility
Operating Systems	Windows 2000/XP (x86/x64) / VISTA (x86/x64) / Win7 (x86/x64) Linux Kernel 2.4/2.6 Macintosh 10.4/10.5/10.6
Environment	
Temperature	Operating : 0 ~ 40 Degree C Storage: -40 ~ 70 Degree C
Humidity	Operating: 10 ~ 90% (Non-Condensing) Storage: 5 ~ 95% (Non-Condensing)

ORDERING INFORMATION

WNL-U554M	802.11n Micro Wireless USB Adapter
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