

3G / 802.11n Wireless Portable Router with 3G HSUPA

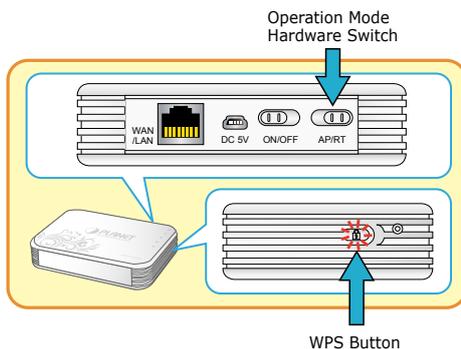


3G/3.5G Broadband Sharing

PLANET Wireless Portable 3G Router, WNRT-320GS, is the smallest multifunctional 3G AP/Router in the market. It is equipped with a built-in 3G module for the connection to WCDMA / HSDPA / HSUPA mobile network. No need of an external 3G modem, users can directly install the SIM card into the slot of the WNRT-320GS and then the hotspot service would be established instantly for multiple sharing. The WNRT-320GS provides home and SOHO users an easy, reliable and cost effective wireless solution to share the mobile Internet service wherever at home, office, or any other public places like transportation, outdoor events, and etc.

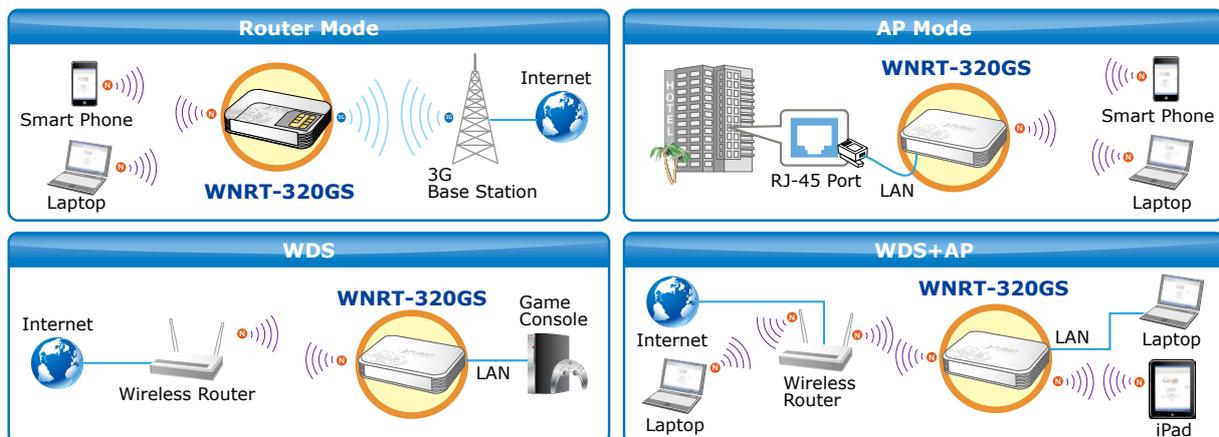
Multiple Wireless Network Technologies for Greater Access

The WNRT-320GS features 802.11n radio which is also compliant with 802.11b/g standards and 1T1R antenna technology to perform wireless speed up to 150Mbps. Furthermore, it is equipped with a RJ45 port for wired Cable / xDSL service connection. Compared with general wireless routers, the WNRT-320GS offers more powerful and flexible capabilities for business demands to access Internet with true mobility and range extension of wireless network.



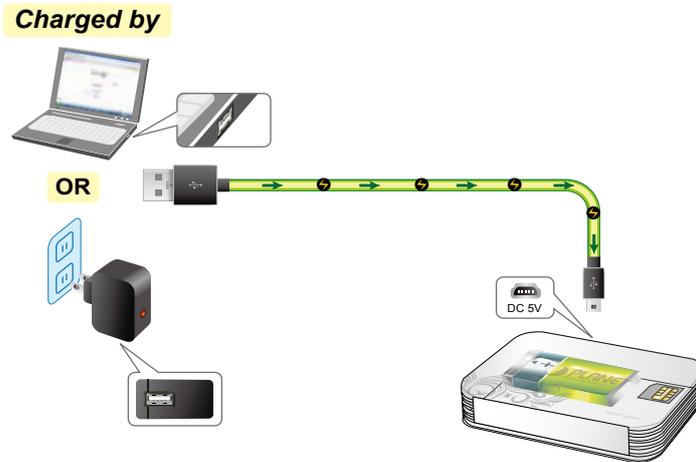
More Flexibility and Mobility

With the tiny-sized and stylish design, the WNRT-320GS is easy to carry for true mobility. It helps users to immediately set up a wireless network without software configuration in various environments by just switching the AP and Router modes on its hardware. The portable design and operation flexibility make the WNRT-320GS suitable for travelling, moving and outdoor applications.



Built-in High Capacity Battery

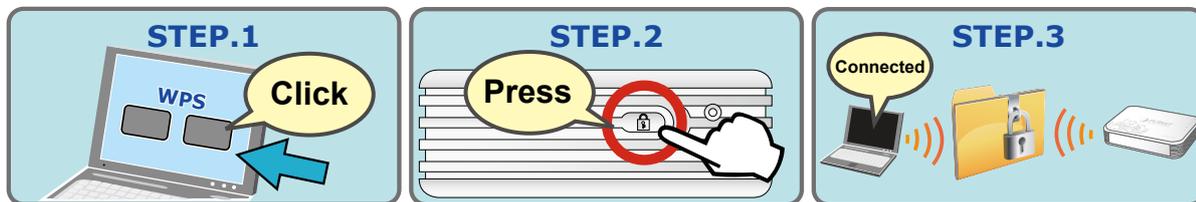
The WNRT-320GS has a built-in rechargeable DC 5V lithium battery. Besides being refilled from electric outlet, the battery can be directly charged via the computer's USB port which increases the convenience especially when there is no power outlet available.



One-touch Secure Wireless Connection

The WNRT-320GS supports Wi-Fi Protected Setup (WPS) with configuration in PBC and PIN type in order to simplify security settings for home and SOHO network. Just push the WPS button or key in the PIN code, the secure connection between the WNRT-320GS and the wireless clients can be established immediately, which offers users a convenient and fast method to construct a secure wireless connection.

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



Wide Range of Wireless Security Support

To secure the wireless communication, the WNRT-320GS supports most up-to-date encryptions including WPA / WPA2-PSK with TKIP / AES. Made to fulfill enterprise and various application demands, the WNRT-320GS enhances security and management features such as multiple SSID support. It can create up to 5 virtual standalone AP with 5 different SSID according to individual security levels and encryption scheme of various wireless devices.

Advanced Firewall Security

In the Router mode, the WNRT-320GS supports NAT functions and enables multiple users to access Internet via only one single legal IP. It provides Port Forwarding and DMZ for LAN PC to act as an application server. The advanced firewall by the WNRT-320GS can protect your Intranet clients from unauthorized accesses and various DoS attacks on the Internet. In addition, the WNRT-320GS also provides IP/ MAC/ Port/ URL filtering and prevents possible hackers attack.

Special Hardware Design for Green Environment Protection

Applies the latest Ethernet technology, both the power consumption and operating temperature of the WNRT-320GS are reduced by 20 percent or more than similar products in the market. Therefore, by consuming only the amount of power needed, the WNRT-320GS allows for high performance while maintaining minimum power consumption.

Easy Setup Anytime Anywhere

The WNRT-320GS supports iPhone, iPad, Android Phone/Pad, PSP, E-books, and any other WiFi devices to help you conveniently access to Internet anywhere, anytime. It provides a total solution for both home and business users. With the High Speed 802.11n wireless technology, the WNRT-320GS is easy to integrate the wireless devices with your existing wired network.

APPLICATIONS

Convenient to Share 3G Mobile Connection

Via the SIM card installed in the WNRT-320GS, you can easily enjoy surfing the Internet through 3G network. The WNRT-320GS applies 802.11n technology to provide stronger wireless signal, higher data transmission rate than 802.11b/g devices. Furthermore, featuring the latest security and firewall functions, the WNRT-320GS helps to prevent unauthorized access or invasion. You can easily establish the secure wireless network and enjoy high speed Internet transmission anywhere, anytime.



Applications Compare with Other Brand 3G Modem

Sharing The 3G Connection	
<p>WNRT-320GS 3G Router Mode</p>	<p>Other Router</p>
✔	✔
Sharing The Wired LAN Connection	
<p>WNRT-320GS Wi-Fi AP Mode</p>	<p>Other Router</p>
✔	✘
Making The Wired Devices Wireless	
<p>WNRT-320GS Wi-Fi AP Mode</p>	<p>Other Router</p>
✔	✘

KEY FEATURES

3G / 3.75G MOBILE INTERNET CONNECTION

- Dual Network Interfaces: WAN port for cable or wired xDSL service + built-in 3G mobile connection
- Compatible with WCDMA / HSDPA / HSUPA Mobile Network

INDUSTRIAL COMPLIANT WIRELESS LAN & LAN

- Compliant with IEEE 802.11n wireless technology capable of up to 150Mbps data rate
- Backward compatible with 802.11b/g standard
- Equipped with one 10/100Mbps RJ-45 Ethernet port for LAN/WAN, Auto MDI/MDI-X supported

WIRELESS NETWORK RANGE EXTENDER

- Multiple Wireless Modes: AP, WDS, Repeater (AP+WDS)
- Supports WMM (Wi-Fi Multimedia)
- Supports IAPP (Inter Access Point Protocol), Wireless Roaming

FIXED-NETWORK BROADBAND ROUTER

- Supported Internet types: Dynamic IP/ Static IP/ PPPoE/ L2TP/ PPTP
- Supports Static & Dynamic (RIP1 and 2) Routing
- Supports IP / MAC-Based Bandwidth Control
- Supports 802.1d STP & IGMP Proxy

SECURE NETWORK CONNECTION

- Advanced security: 64/128-bit WEP, WPA-Enterprise/WPA2-Enterprise and WPA-PSK / WPA2-PSK with TKIP / AES Encryption, 802.1x Authentication
- Built-in NAT firewall features with Port/ IP/ MAC/ URL Filtering, and DoS protection.

ADVANCED NETWORKING FUNCTION FOR SPECIFIC APPLICATION

- Supports multiple sessions IPSec, L2TP, PPTP, and IPv6 VPN pass-through
- Supports Port Forwarding, DMZ, UPnP, QoS, and Dynamic DNS for various networking applications
- Supports DHCP Server

EASY TO INSTALL & MANAGEMENT

- Web-Based UI and Setup Wizard for easy configuration
- System status monitoring includes DHCP Client, System Log

FLEXIBLE APPLICATION & BUSINESS-ORIENTED DESIGN

- Portable and Pocket-sized design for true mobility
- Hardware switchable operation modes: Router / AP
- One-touch Wi-Fi Protected Setup (WPS)
- Built-in rechargeable Li-ion battery

SPECIFICATION

Product	3G / 802.11n Wireless Portable Router with 3G HSUPA	
Model	WNRT-320GS	
Hardware Specification		
Interface	WAN/LAN	1 x 10/100Mbps Auto MDI/MDI-X RJ45 port
		1 x SIM card interface for plug SIM card 1 x mini USB port for charging battery
Antenna	Gain	1 x Internal 2dBi Antenna
	Orientation	Omni-directional
Button/Switch	Front panel (from left to right): ■ Power On/Off Switch ■ Mode Selection Switch (Router / AP) Side panel: ■ WPS button ■ Reset button *Push for 5 seconds or longer to reset to factory default settings	
LED Indicators	Power, Wireless LAN, WPS, WAN/LAN, 3G	
Material	Plastic	
Dimension (W x D x H)	88 x 62 x 20 mm	
Weight	With battery: 102g Without battery: 60g	
Battery	Built-in Rechargeable Li-ion Battery (3.7V, 1900mAh)	
Power Requirement	DC 5V, 1A maximum, connected through mini-USB connector	
Power Adapter	AC Input: 100~240V AC (50/60Hz) DC Output: 5V with max. 1A current	
3G interface Specification		
Network Type	WCDMA / HSDPA / HSUPA	
Transmit Rate	Up to Download 7.2Mbps, Uplink 5.76Mbps	
Frequency Range	2100MHz	

Wireless interface Specification	
Standard	Compliance with IEEE 802.11b/g/n
Frequency Band	2.4~2.4835GHz
Extend Frequency	DSSS
Modulation Type	DBPSK,DQPSK,CCK, OFDM
Data Transmission Rates	11n: Up to 150Mbps (Dynamic) 11g: Up to 54Mbps (Dynamic) 11b: Up to 11Mbps (Dynamic)
Transmission Distance	Indoor up to 100m Outdoor up to 300m (it is limited to the environment condition)
Channel	America/ FCC: 2.412~2.462GHz (11 Channels) Europe/ ETSI: 2.412~2.472GHz (13 Channels) Japan/ TELEC: 2.412~2.484GHz (14 Channels)
Max. RF Power	20 dBm (EIRP)
Receive Sensitivity	135M: -68dBm@10% PER 54M: -68dBm@10% PER 11M: -85dBm@8% PER
Software Features	
Operation Mode	<ul style="list-style-type: none"> ■ AP ■ Router (by hardware switch)
Wireless Mode	AP, WDS, AP+WDS (Repeater)
Encryption Security	WEP (64/128-bit) encryption security WPA-Enterprise / WPA2-Enterprise (TKIP / AES) WPA-Personal / WPA2-Personal (TKIP / AES) 802.1x Authentication
Wireless Security	Provides wireless LAN ACL (Access Control List) filtering Wireless MAC address filtering Supports WPS (Wi-Fi Protected Setup) Enable/Disable SSID Broadcast
Wireless Advanced	WMM (Wi-Fi Multimedia): 802.11e Wireless QoS IAPP (Inter Access Point Protocol): 802.11f Wireless Roaming Provides Wireless Statistics
Internet Connection Type	Shares data and Internet access for users, supporting the following types of internet access: <ul style="list-style-type: none"> ■ 3G ■ PPPoE ■ Dynamic IP ■ Static IP ■ PPTP ■ L2TP
Firewall	NAT firewall with SPI (Stateful Packet Inspection) Built-in NAT server supporting Port Forwarding and DMZ Built-in firewall with IP address/ MAC address/ Port/ URL filtering Supports ICMP-FLOOD, UDP-FLOOD, TCP-SYN-FLOOD filter, DoS protection
Routing Protocol	Static / Dynamic (RIP1 and 2) Routing
VPN Pass-through	PPTP, L2TP, IPSec, IPv6
LAN	Built-in DHCP server supporting static IP address distributing Supports UPnP, Dynamic DNS Supports IGMP Proxy Supports 802.1d STP (Spanning Tree) IP / MAC-Based Bandwidth Control
System Management	Web-Based (HTTP) management interface SNTP time synchronize Easy firmware upgrade System Log supports Remote Log
Standards Conformance	
IEEE Standards	IEEE 802.11n (1T1R, up to 150Mbps) IEEE 802.11g IEEE 802.11b IEEE 802.11i IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX IEEE 802.3x Flow Control
Others Protocols and Standards	CSMA/CA, CSMA/CD, TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP

ORDERING INFORMATION

WNRT-320GS	3G / 802.11n Wireless Portable Router with 3G HSUPA
WNRT-32BAT	The Standard Battery of WNRT-320GS / 1900mAh, 3.7V

RELATED PRODUCTS

WNL-U554	802.11n Wireless USB 2.0 Adapter
WNL-U554A	802.11n Wireless USB 2.0 Adapter External 3dBi Antenna
WNL-U554M	802.11n Micro Wireless USB 2.0 Adapter
WNL-9501	802.11n Wireless PCI Express Adapter

* To have best performance and wireless connection, sincerely advice to match the above related products.