

802.11n Wireless Broadband Router



PLANET 3G Broadband Router, the WNRT-625G, provides Internet access via mobile network by UMTS / HSDPA protocol and 3G Internet USB Adapter. It features 802.11n radio with 2T2R antenna technology compliant with 802.11g and 802.11b standards. Compared with general wireless routers, the WNRT-625G offers more powerful and flexible capability for LAN client to access Internet with management functions.

The WNRT-625G provides not only provides 3G USB interface for Internet roaming but also supports one WAN port for wired cable or DSL service connection. To secure the wireless communication, the WNRT-625G supports up-to-date encryption, WPA / WPA2. In order to simplify the security settings, the WNRT-625G supports WPS configuration with PBC/ PIN type, by just click the options and the secure connection between AP and wireless client is built immediately.

The WNRT-625G supports NAT function to allow multiple users to access Internet via a single legal IP. It also provides Virtual Server for LAN PC to act as an application server and offer certain service to the clients on Internet. Moreover, QoS capability supported can provide better service to selected traffic or application, which utilizes the network usage. In the aspect of firewall, the WNRT-625G supplies MAC access control, URL block, and prevents possible hackers attack.

The WNRT-625G provides more flexible and easy way to create an instant wireless network sharing Internet service via 3G modem card where ever at Home, Hotspot or in public place, transportation, outdoor event...etc.

KEY FEATURES

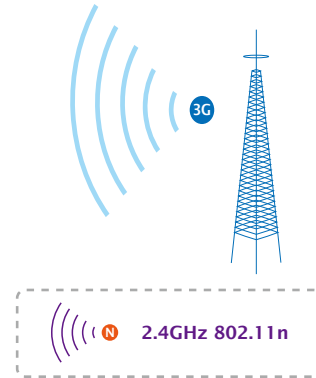
- Dual WAN Interfaces: WAN port for cable or wired DSL service + 3G mobile connection
- Supports UMTS / HSDPA Mobile Internet Service
- IEEE 802.11n (Draft 2.0) wireless technology compliant with 802.11b/g standard
- Capable of up to 300Mbps wireless data rate
- Supports Wi-Fi Protected Setup (WPS)
- Advanced security: 64/128-bit WEP, WPA –TKIP(PSK), WPA2-AES(PSK), 802.1x
- Supports DHCP Server
- Web-based GUI for and Wizard setup for easily configuration
- Remote Management allows configuration and upgrades from a remote site
- Supported Internet types: Dynamic / Static IP / PPPoE / PPTP / L2TP / Telstra Big Pond
- MAC / IP filter access control, URL blocking ; SPI firewall + DoS prevention protection
- Supports UPnP function

APPLICATIONS

Roaming 3G mobile wireless network, Faster Speed in WiFi, sharing Internet everywhere.

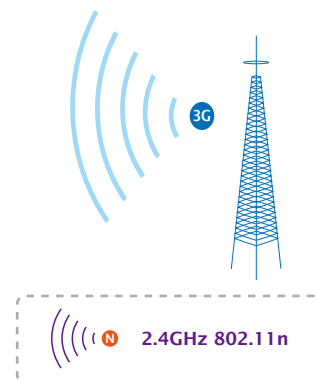
At Home-

With wired WAN interface backup, besides dual choices roaming Internet, features wireless 300Mbps transmission and advanced security, users enjoy high-speed connection and surf the Internet safely.



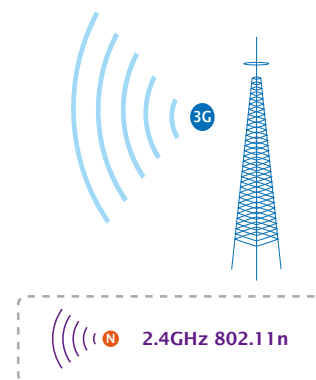
On Transportation-

No matter where you are, WNRT-625G provide you the mobile Internet and share Internet to nearby users or friends via 3G network, even on transportation or outdoor event...etc.



In Public Station-

Besides updating real-time information for passengers, also offering Internet access service for business traveling



SPECIFICATION

Product Model	802.11n 3G Broadband Router WNRT-625G	
Standard	IEEE 802.11b/g, 802.11n Draft 2.0, IEEE802.3u	
Signal Type	11b mode: DSSS 11g mode: OFDM 11n mode: OFDM, MIMO	
Modulation	802.11b: DBPSK, DQPSK, CCK 802.11g: BPSK, QPSK, 16QAM, 64QAM 802.11n: BPSK, QPSK, 16QAM, 64QAM	
WAN Port	1 x 100Base-TX, Auto-MDI/MDI-X	
LAN Port	4 x 100Base-TX, Auto-MDI/MDI-X	
Antenna connector	2 x Fixed 3dBi Dipole Antenna	
Data Encryption	64 bit / 128 bit WEP, WPA-PSK, WPA, WPA2, 802.1x encryption	
Output Power	11b: 18 dBm 11g: 15 dBm 11n: 15 dBm	
Data Rate	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: Max. 300Mbps	
Receiver Sensitivity	11b CCK 1.0Mbps -94dbm 11b CCK 11.0Mbps -91dbm 11g OFDM 6Mbps -92dbm 11g OFDM 54Mbps -76dbm 11n 20MHz MCS7 : -72dbm 11n 40MH MCS7 : -70dbm	
Session	2000	
LED Indicators	PWR, WLAN, WAN * 1, LAN * 4	

COMPATIBLE MOBILE NETWORK

UMTS / HSDPA

COMPATIBLE MOBILE SERVICE PROVIDER

Smartone	Hong Kong
3 HONG KONG	Hong Kong
ONE2FREE	Hong Kong
MTN	The Republic of South Africa
Telenor	Norway
Chunghwa Telecom. (Hinet)	Taiwan
Far EasTone Telecommunications. (FETnet)	Taiwan
Taiwanmobile. (TWM 3G)	Taiwan
Sprint	U.S.A.

COMPATIBLE INTERNET PC ADAPTER LIST

Alltel (Pantech) UM150AL
Alltel (Pantech) UM175AL
AMOI H01
ASUS T500
BandLuxe C100S
BandLuxe C120
BandLuxe C270
CMOTECH CDU-550
Emobilre D12LC
FW2011R-H3G
Hauwei E176
Hauwei E180
Hauwei E272
Hauwei E618
Hauwei E620
Hauwei E630
Hauwei E800

Huawei E160E
 Huawei E160G
 Huawei E169G
 Huawei E170
 Huawei E219
 Huawei E220
 Huawei E226
 Huawei E270
 Huawei EC228
 ICON 225
 ICON 401
 KPT 3G/3.5G (WM61)
 Kyocera KPC680 Express Card
 Maxon BP3
 Maxon BP3-Ext
 MBD-100HU
 MYWAVE 2011-T
 Novatel MC760
 Novatel MC950D
 Novatel Merlin XU 870
 Novatel Ovation 930D
 Novatel U727
 O2 E160
 Qisda H21 (Flying Beetle)
 Quanta 3G MU-Q101
 Shenzhen Crius 209
 Sierra 875U
 Sierra 880U
 Sierra Aircard 875
 Sierra Aircard 880E
 Sierra Compass 885 U
 Sierra Wireless 598U
 Sierra Wireless C885
 Sierra Wireless Compass 597
 Sony Ericsson MD400
 Sony Ericsson MD300
 T-mobile 110
 T-mobile 530
 Vodafone K3520
 Vodafone K3565
 Vodafone K3715
 ZTE MF622
 ZTE MF626
 ZTE MF627
 ZTE MF628
 ZTE MF636
 ZTE MF638

**Above compatible list will be update anytime.

COMPATIBLE MOBILE PHONE LIST

SonyEricsson K800i
 Motorola E770
 Nokia 6233

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ORDERING INFORMATION

WNRT-625G	802.11n 3G Broadband Router
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RELATED PRODUCTS

WNL-U554/U554A	802.11n Wireless USB 2.0 Adapter (1T1R)
WNL-U552	802.11n Wireless USB 2.0 Adapter (2T2R)
WNL-9320	802.11n Wireless PCI Adapter(2T3R)
WNL-9330	802.11n Wireless PCI Adapter(1T2R)
WNL-9500	802.11n Wireless PCI Express Adapter (2T3R)

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