802.11n Wireless Gigabit Broadband Router

The PLANET WNRT-632 wireless Gigabit broadband router is a built-in 802.11n 2.0 access point (AP) and backward compatible with 802.11b/g. The wireless Gigabit router features radio in 2x2 (Tx/Rx) of intelligent antennas offering high performance and superior coverage range.

To provide a secure WLAN, the WNRT-632 supports 64/128-bit WEP (Wired Equivalent Privacy), WPA, WPA2 Encryption setting, MAC/IP filtering, and URL Blocking access control. Not only being an AP, the WNRT-632 also supports Bridge and WDS (Repeater mode support in 2011); therefore, it provides more flexibility for users while establishing wireless network. The WNRT-632 offers the Wi-Fi Protected Setup (WPS) in two methods: PBC and PIN. You may make secure connections as easy as pushing a button or by keying the PIN code.

The WNRT-632 allows users to setup triggering ports for special applications and utilizes the Internet services smoothly. Furthermore, the SPI (Stateful Packet Inspection) firewall protects Intranet PCs from unauthorized access and prevents possible DoS attacks from the Internet. In addition, the WNRT-632 supports the functions of Virtual Server and DMZ.

Offering an instant network and flexibility for users to handle network expansion and speed, the WNRT-632 is the total solution for the Home, Hotspot and the SOHO users. By installing the WNRT-632 wireless Gigabit broadband router as the central connection point of network, the connected computers are able to share the high speed broadband Internet connection and networked server. With the four built-in 10/100/1000Base-T LAN ports, it is easy to integrate the wireless devices with existing wired network.
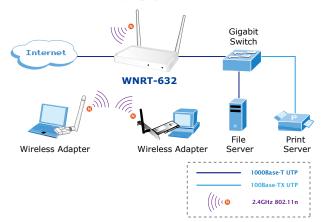
KEY FEATURES

- Compliant with 802.11b / 802.11g / 802.11n standard
- Supports Wi-Fi Protected Setup (WPS)
- Farther coverage, less dead space and higher throughput with 802.11n technology
- Supports 64/128-bit WEP, WPA (TKIP with IEEE 802.1x), WPA2 (AES with IEEE 802.1x) and functions for high level of security
- Accesses Private LAN Servers from Public Networks
- AP / Station-Infrastructure / Bridge (Point to Point, Point to Multi-Point, WDS) modes supported (Repeater mode support in 2011)
- Equipped with four LAN ports (10/100/1000M) and one WAN port (10/100/1000M), Auto-MDI / MDI-X supported
- Supports DHCP Server
- Dynamic / Static / PPPoE / PPTP / L2TP IP allocation
- MAC/IP filter access control, URL blocking
- SPI firewall + DoS prevention and protection
- Support Virtual Server, ALG, DMZ and UPnP for various networking applications
- Support QoS mechanism for efficiently prioritizing the various type of traffics
- System status monitoring includes Active DHCP Client, Security Log and Device/Connection Status
- Remote Management allows configuration and upgrade from a remote site
- User-friendly Web-Based GUI for configuration and management purposes
- Intelligent configuration wizard with auto WAN detection

APPLICATIONS

High Speed and Secure WLAN Connection

The WNRT-632 is an ideal solution to provide 300Mbps high speed wireless networking to all residential and office users. Locate the WNRT-632 at the central point in an office or home, and then connect it to an ADSL / cable modem, the WNRT-632 provides Internet access capability for the office or home wireless networking. A laptop or a remote desktop can be easily connected to the Internet by installing the WNL-9331 or WNL-U554A Wireless 11n Adapters. Furthermore, the WPA-PSK / WPA2-AES mechanism of the WNRT-632 can effectively prevent the information from eavesdropping by unauthorized users.

Gigabit Switch

Internet

WNRT-632

Wireless Adapter   Wireless Adapter   File Server   Print Server

1000Base-T UTP
100Base-TX UTP
2.4GHz 802.11n

SPECIFICATION

Product	802.11n Wireless Gigabit Broadband Router
Model	WNRT-632
Standard	IEEE 802.11b/g , 802.11n 2.0
Signal Type	11b mode: DSSS 11g mode: OFDM 11n mode: OFDM, MIMO
Modulation	11b mode: CCK, DQPSK, DBPSK 11g mode: 64 QAM, 16 QAM, QPSK, BPSK 11n mode: 64 QAM, 16 QAM, QPSK, BPSK
WAN Port	1 x 10/100/1000Base-T, Auto-MDI/MDI-X
LAN Port	4 x 10/100/1000Base-T, Auto-MDI/MDI-X
Antennas	2 x 3dBi detachable antenna
Data Encryption	64 bit / 128 bit WEP, WPA-PSK, WPA2-AES, WPA, WPA2
Frequency	2.4GHz - 2.484GHz
Data Rate	IEEE 802.11b: 1/2/5.5/11Mbps IEEE 802.11g: 6/9/12/18/24/36/48/54Mbps IEEE 802.11n: up to 300Mbps
TX Output Power	11b mode: 17dBm 11g mode: 14dBm 11n mode: 14dBm
Receive Sensitivity	802.11n (20MHz): Range -72dBm ~ 87dBm 802.11n (40MHz): Range -68dBm ~ 87dBm 802.11g : Range -72dBm ~ 91dBm Error Rate = 10% at room temperature 802.11b: Range -89dBm ~ 91dBm Error Rate = 8% at room temperature
Range Cover	Per cell coverage up to 1-300 meters
WPS	Wi-Fi Protected Setup
WMM	Wi-Fi Multimedia
Ethernet WAN	PPPoE, DHCP client, Static IP, PPTP, L2TP
WAN Connection	Auto-reconnect, dial-on-demand, manually
One-to-Many NAT	Virtual server, special application, DMZ, Super DMZ(IP pass-through)
NAT Session	Support 20000 NAT sessions
Routing Protocol	Static route, dynamic route (RIP v1/v2)
SPI Firewall	IP/Server filter, URL blocking, MAC control
DoS Protection	DoS(Deny of Service) detection and protection
Management	SNMP, UPnP IGD, syslog, DDNS
Administration	Web-based UI, remote login, backup/restore setting
Temperature	Operating: 0 ~ 40 Degree C Storage: -10 ~ 70 Degree C
Humidity	Operating: 10 ~ 90% Non-Condensing Storage: 0 ~ 95% Non-Condensing
Dimension (W x D x H)	186 x 111 x 27 mm
Weight	270g
Power Requirement	12V DC, 1A

ORDERING INFORMATION

WNRT-632	802.11n Wireless Gigabit Broadband Router

RELATED PRODUCTS

WNL-U554/U554A	802.11n Wireless USB 2.0 Adapter
WNL-9331/9501	802.11n Wireless PCI / PCI-e Adapter

C-WNRT-632