1200Mbps 802.11ac Dual Band Wireless Gigabit Router

Amazing Next-generation Wireless High-speed Connection

PLANET WDRT-1202AC Wireless Broadband Router supports IEEE 802.11a/b/g/n/ac standard, dual band, and Gigabit LAN and WAN, thus providing the wireless speed of 867Mbps in the 5GHz frequency band and 300Mbps in the 2.4GHz frequency band at the same time, which is 16 times faster than that of the traditional 11g access point. With its outstanding stability of high-speed wireless transmission and enhanced reliability, the WDRT-1202AC can provide users with excellent multimedia streaming through their mobile devices anywhere, anytime in the home and office.

IEEE Compliant Wireless LAN and Wired LAN

- Compliant with IEEE 802.11a/b/g/n/ac dual band [2.4G (300Mbps) and 5G (867Mbps)] wireless technology
- Equipped with all Gigabit RJ45 ports (10/100/1000Mbps) like 1 WAN and 4 LAN ports, and auto MDI/MDI-X

Fixed-network Broadband Router

- Supports WAN connection types: DHCP, static IP, PPPoE, PPTP, L2TP, DS Lite
- Supports PLANET DDNS and DHCP Servers

Comprehensive Wireless Advanced Features

- Supports guest SSID to allow users to access different networks through one single AP
- Supports WMM (Wi-Fi Multimedia) and wireless QoS to enhance the efficiency of multimedia application
- Supports 3-level Transmitting Power Control to adapt various environments
- Self-healing (Schedule Reboot) mechanism for reliable connection

Secure Network Connection

- Supports Wi-Fi Protected Setup (WPS)
- Support WPA/WPA2 wireless security encryption
- Supports NAT firewall, IP / URL-based access control and MAC address filtering

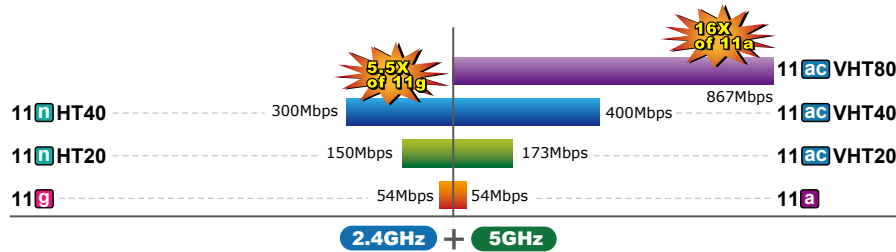## Advanced Networking Function for Specific Application

- Supports Bandwidth Control (QoS) based on different local IP addresses
- Supports NTP, Port Forwarding, UPnP and DMZ for various networking applications
- Supports USB storage and DLNA combination, convenient HD media sharing

Easy Installation and Management

- Web-based UI and Quick Setup Wizard for easy configuration
- Remote Management allows configuration from a remote site
- System status monitoring includes DHCP Client List and System Log

Use of 5GHz Band is Current Trend

Since the 2.4GHz band is now too crowded with users using the high-speed wireless connection for more and more wireless applications, the 5GHz band, currently in great demand, is designed to relieve the situation. In order to avoid the wireless interference between the two bands, PLANET WDRT-1202AC provides users with the radio frequency of 5GHz for watching HD videos or playing online games while the 2.4GHz band is used for surfing the Internet. The WDRT-1202AC is just like 2 totally independent Access Points in one device for you.

WDRT-1202AC Data Transmission Rates

Gigabit LAN Throughput Boosts Network Traffic

Improving communication speed is one of the major requirements of today's Gigabit local area networks. With throughput up to 10 times faster than the existing 100Mbps solution, the WDRT-1202AC fully employs the full functionality of the 802.11ac wireless standards, eliminating the bottleneck of the transmission speed of the megabit wired type. Using the WDRT-1202AC to connect your desktop, NAS, media player and game console guarantees extremely high throughput and excellent signal quality.

Powerful Firewall and Complete Access Control Functions

The WDRT-1202AC supports NAT function allowing multiple users to access Internet via a single legal IP. It also provides Port Forwarding for the specific LAN PC to act as an application server and offer certain service to the clients on the Internet. In addition, the powerful firewall protects your Intranet clients from unauthorized accesses and various kinds of DoS attacks from the Internet. The WDRT-1202AC with MAC-based access control allows or denies wireless client connections to prevent possible hackers attack.

Home DLNA Media Server over USB File Sharing

The WDRT-1202AC has a built-in USB port which can be connected to an external USB storage device for file sharing. Moreover, the DLNA (Digital Living Network Alliance) compliant media server feature allows multimedia contents, such as streaming videos, music and photos, to be easily shared among SmartTVs, tablets, mobile phones and laptops on a home network. Thus, all clients on the network can share mass storage through the WDRT-1202AC without complicated network configuration. Via the USB port, it also can output 5V DC power to charge any USB compliant devices.
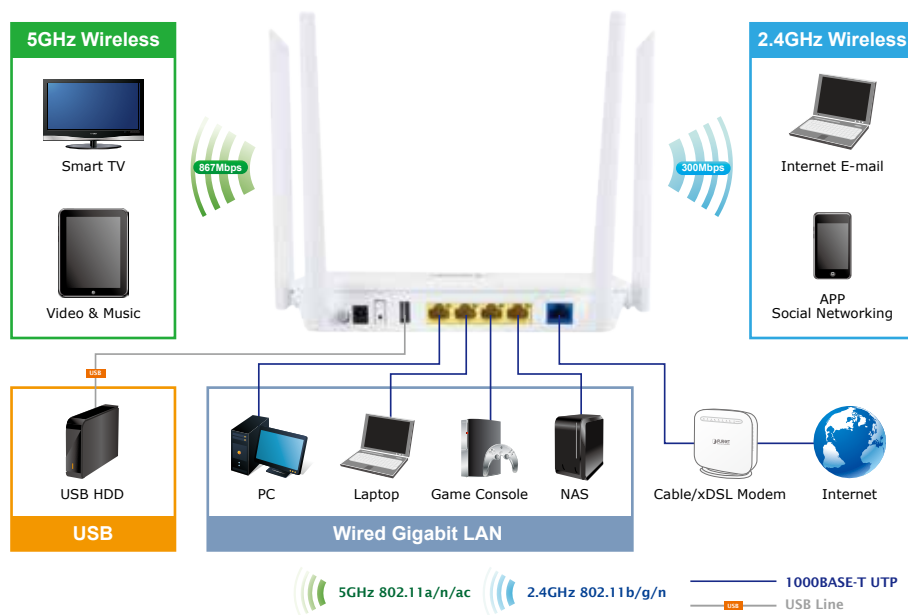

Easy to share Storage via USB Anywhere !

Applications

Real High-speed Wireless Coverage

PLANET WDRT-1202AC delivers dual-band technology to avoid signal interference and ensure the best Wi-Fi performance. It allows you to check e-mails and surf the Internet via the 2.4GHz band and simultaneously watch high-definition (HD) video or any other multimedia application via the 5GHz band. With four external antennas, the WDRT-1202AC can provide users with excellent multimedia streaming and wider coverage through their mobile devices anywhere, anytime.

Easy Installation for Router Configuration

The WDRT-1202AC supports setup wizard when you log in the router for the first time. With the built-in Quick Setup function, users can configure the WDRT-1202AC quickly through a couple of simple steps. The WDRT-1202AC definitely provides a total network solution for the home and SOHO users.

Specifications

Model	WDRT-1202AC 1200Mbps 802.11ac Dual Band Wireless Gigabit Router	
Hardware Specifications		
Interface	WAN Port:	1 x 10/100/1000 Mbps auto MDI/MDI-X RJ45 port
	LAN Port:	4 x 10/100/1000 Mbps auto MDI/MDI-X RJ45 port (LAN1~4)
	USB Port:	1 x USB 2.0, Type A, 5V 500mA
Antenna	Gain:	2.4GHz: 2 x 5dBi external antenna 5GHz: 2 x 5dBi external antenna
Button	1 x reset button (Press for about 10 seconds to reset the device to factory default.) 1 x WPS/Wi-Fi button (Press for 1 to 5 seconds to enable or disable WLAN function; press over 5 seconds to enable WPS function.)	
LED Indicators	PWR x 1 WLAN (2.4GHz & 5GHz) x 2 WAN x 1 WPS x 1	
Material	Plastic	
Dimensions (W x D x H)	250 x 185 x 38 mm (W x D x H)	
Weight	322g	
Power Requirement	12V DC, 1.5A	
Power Consumption	10W	
Wireless interface Specifications		
Standard	IEEE 802.11ac 5GHz IEEE 802.11a/n 5GHz IEEE 802.11b/g/n 2.4GHz	
Frequency Band	Simultaneous 2.4GHz and 5GHz	
Modulation Type	802.11ac: OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM) 802.11a/g/n: OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11b: DSSS (DBPSK / DQPSK / CCK)	
Data Rates	2.4GHz up to 300Mbps 5GHz up to 867Mbps	
Channel	2.4GHz FCC (America): 2.412~2.462GHz (11 Channels) ETSI (Europe): 2.412~2.472GHz (13 Channels)	
	5GHz 5.180-5.240GHz, 5.745-5.825GHz (up to 9 channels) *** The actual channels in application will vary depending on the regulation in different regions and countries.**	
Channel Width	802.11ac: 20/40/80MHz 802.11n: 20/40MHz	
Max. RF Power / EIRP	2.4GHz: < 20dBm	
	5GHz: < 20dBm	
Receive Sensitivity	2.4GHz 11b (11Mbps): -85dBm 11g (54Mbps): -70dBm 11n (20M) mode: -70dBm 11n (40M) mode: -68dBm	
	5GHz 11a: -74dBm 11n (20M) mode: -70dBm 11n (40M) mode: -67dBm 11ac (20M) mode: -67dBm 11ac (40M) mode: -61dBm 11ac (80M) mode: -57dBm	
Transmit Power Control	Low, Medium, High	
Wireless Management Features		
Encryption Security	WPA/WPA2 personal mixed mode	
Wireless Security	Wireless MAC address filtering	
	Supports WPS (Wi-Fi Protected Setup)	
Wireless Advanced	Supports dual-SSID (2.4G and 5G)	
	Supports guest network	
Max. Supported Clients	2.4GHz wireless: 32 5GHz wireless: 32	

Router Features	
Internet Connection Type	Shares data and Internet access for users, supporting the following Internet accesses: – DHCP – Static IP – PPPoE – PPTP – L2TP – DS Lite
Firewall	NAT firewall, SPI firewall
	Built-in NAT server which supports Port Forwarding and DMZ
	Built-in firewall with URL filtering, and MAC address filtering
LAN	Built-in DHCP server supporting static IP address distribution
	Supports packet statistics
USB Sharing	Samba DLNA media server
System Management	Web-based (HTTP) management interface
	Remote management (WAN Access Control)
	Supports UPnP, PLANET DDNS
	SNTP synchronization
	System log and e-mail events notification
Standards Conformance	
IEEE Standards	IEEE 802.11ac (2T2R, up to 867Mbps) IEEE 802.11n (2T2R, up to 300Mbps) IEEE 802.11a IEEE 802.11g IEEE 802.11b IEEE 802.11i IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T
Other Protocols and Standards	CSMA/CA, CSMA/CD, TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP
Regulatory	CE, RoHS, WEEE
Environment	
Temperature	Operating: 0 ~ 40 degrees C Storage: -40 ~ 70 degrees C
Humidity	Operating: 10 ~ 90% (non-condensing) Storage: 5 ~ 95% (non-condensing)

Ordering Information

WDRT-1202AC	1200Mbps 802.11ac Dual Band Wireless Gigabit Router

Related Products

WDL-U601AC	433Mbps 802.11ac Dual Band Wireless USB Adapter
WDRT-1200AC	1200Mbps 802.11ac Dual Band Wireless Gigabit Router
WRE-1200	1200Mbps 802.11ac Dual Band Wall Plug Wi-Fi Range Extender

* To have the best performance and wireless connection, matching it with the above related products is recommended.

PLANET Technology Corporation

11F., No.96, Minquan Rd., Xindian Dist., New Taipei City 231, Taiwan (R.O.C.)
Tel: 886-2-2219-9518   Fax: 886-2-2219-9528
Email: sales@planet.com.tw   www.planet.com.tw

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