

**1200Mbps 802.11ac**  
**Wireless Gigabit Router**  
**WDRT-1202AC**



# Presentation Outlines

- ◆ **Product Positioning**
- ◆ **Product Overview**
- ◆ **Product Benefits**
- ◆ **Product Features**
- ◆ **Applications**
- ◆ **Product Comparison**
- ◆ **Appendix**

*Choosing the Right Router in Your Home is Our Business*



# Product Positioning



# Product Positioning

## ◆ PLANET *Indoor Wireless Router Series*

Dual Band  
11ac (1200M)

- New Phase-in
- Available

11ac Dual Band **Gigabit** Router  
 - 11ac, 2T2R, dual band  
 - 300 + 867Mbps  
 - **USB 3.0**  
**WDRT-1200AC**

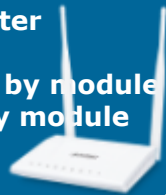


**New**  
 11ac Dual Band **Gigabit** Router  
 - 11ac, 2T2R, dual band  
 - 4 external antennas  
 - 300 + 867Mbps  
 - **USB 2.0**  
 - **Guest Network**  
**WDRT-1202AC**



2.4GHZ  
300M

11n Wireless **Fiber** Router  
 - SFP  
 - Max. Distance: Varies by module  
 - Wavelength: Varies by module  
**FRT-415N**



2.4GHZ  
150M

11n **3G/4G** Wireless Router  
 - 5dBi fixed antenna  
 - 3G/4G USB dongle  
**WNRT-617G**



**Fast Ethernet**

**Gigabit Ethernet**

# Product Overview





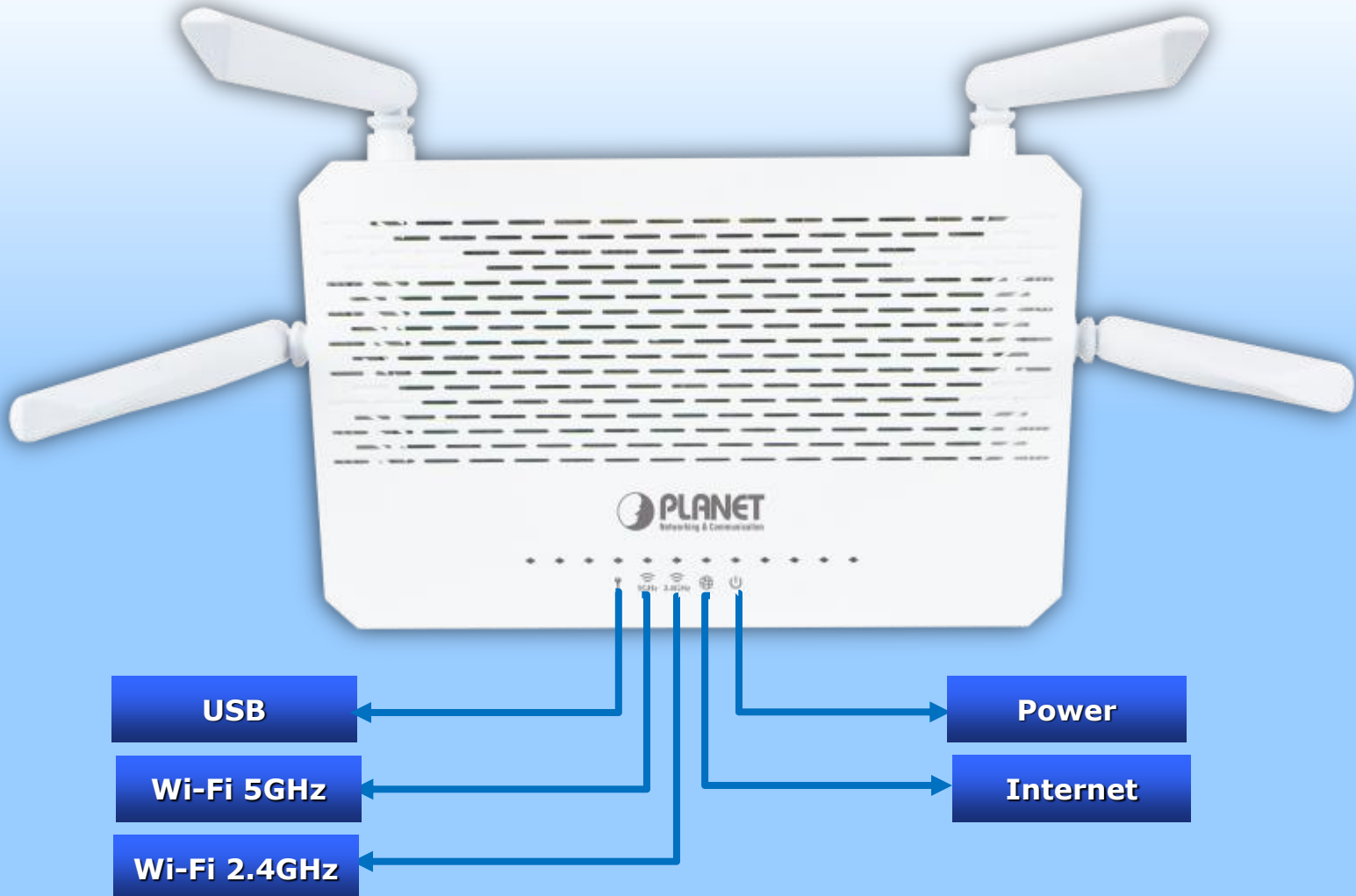
## Product Overview

- ◆ **Dimensions: 250 x 185 x 38mm (W x D x H)**
- ◆ **Weight: 322g**
- ◆ **Power: 12V DC, 1.5A**



# Product Overview

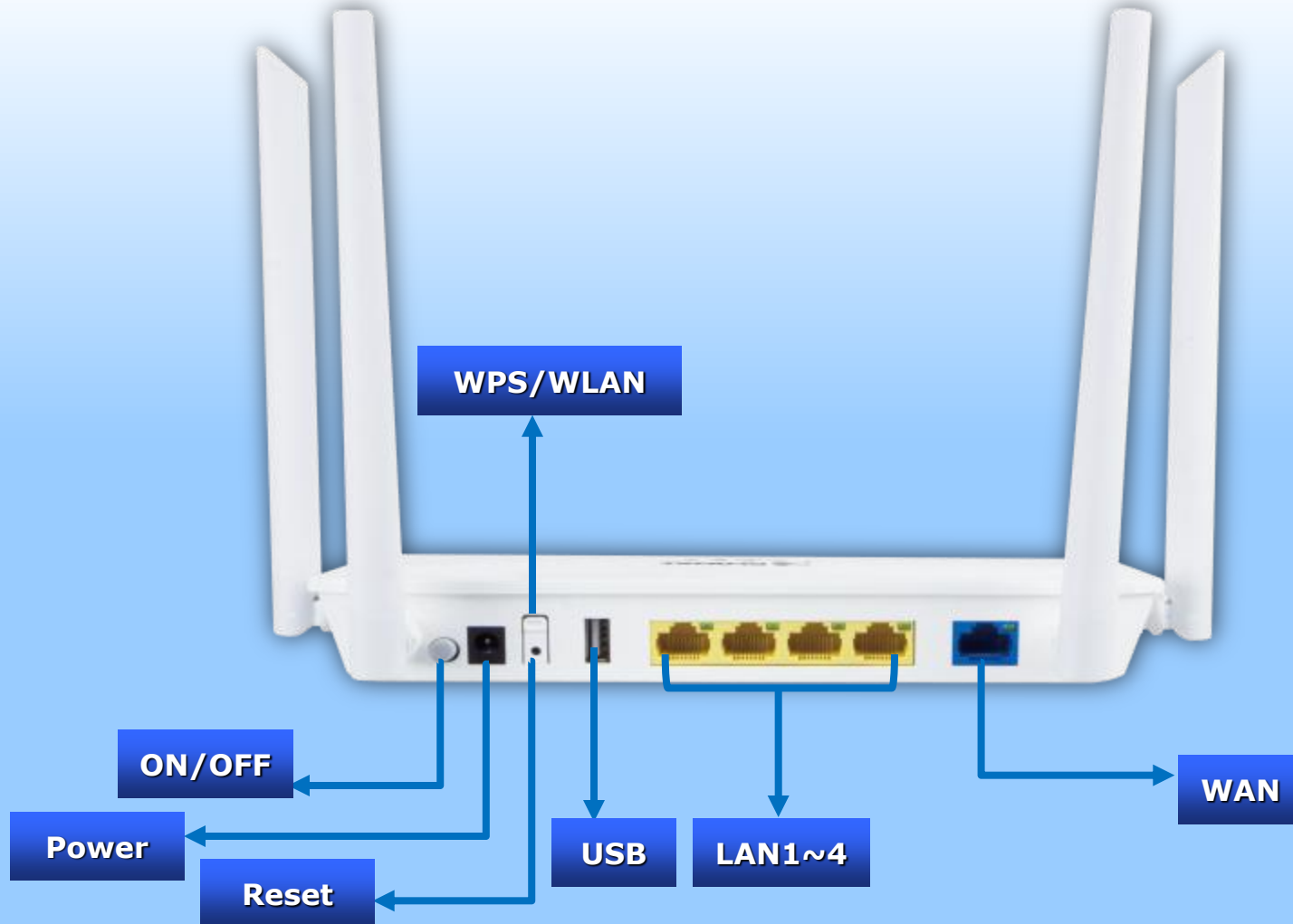
## ◆ Front Panel – LED Indication





# Product Overview

## ◆ Rear Panel - Interfaces

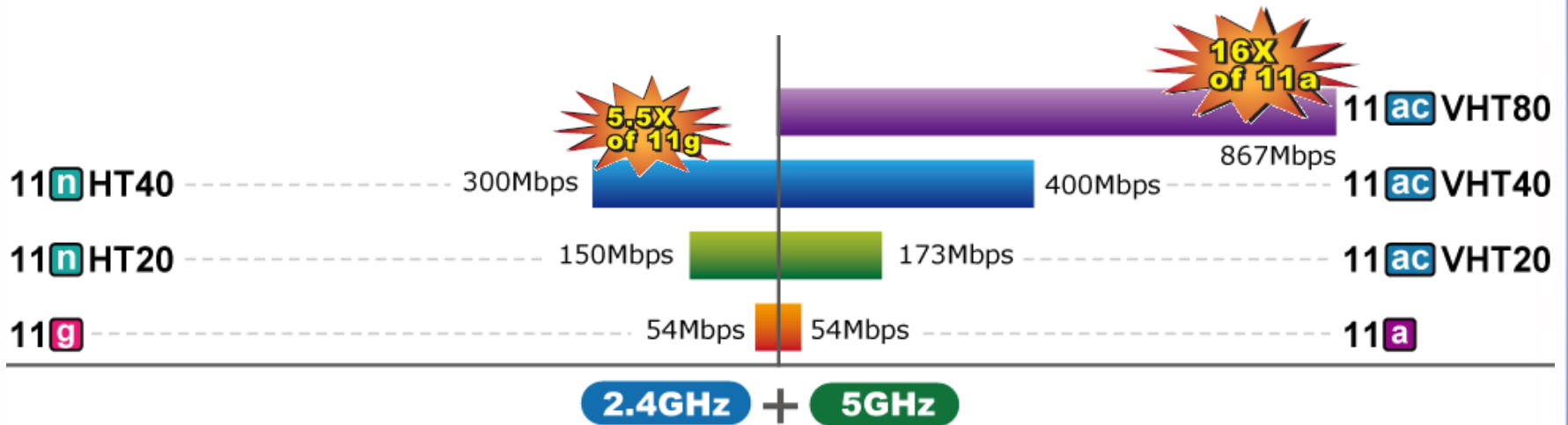




# Product Overview

## ◆ Next-generation 11ac Dual Band

- ✓ Compliant with **IEEE 802.11a/b/g/n/ac** dual-band (2.4G & 5G) wireless technology
- ✓ Wireless data rate up to **300 + 867Mbps**

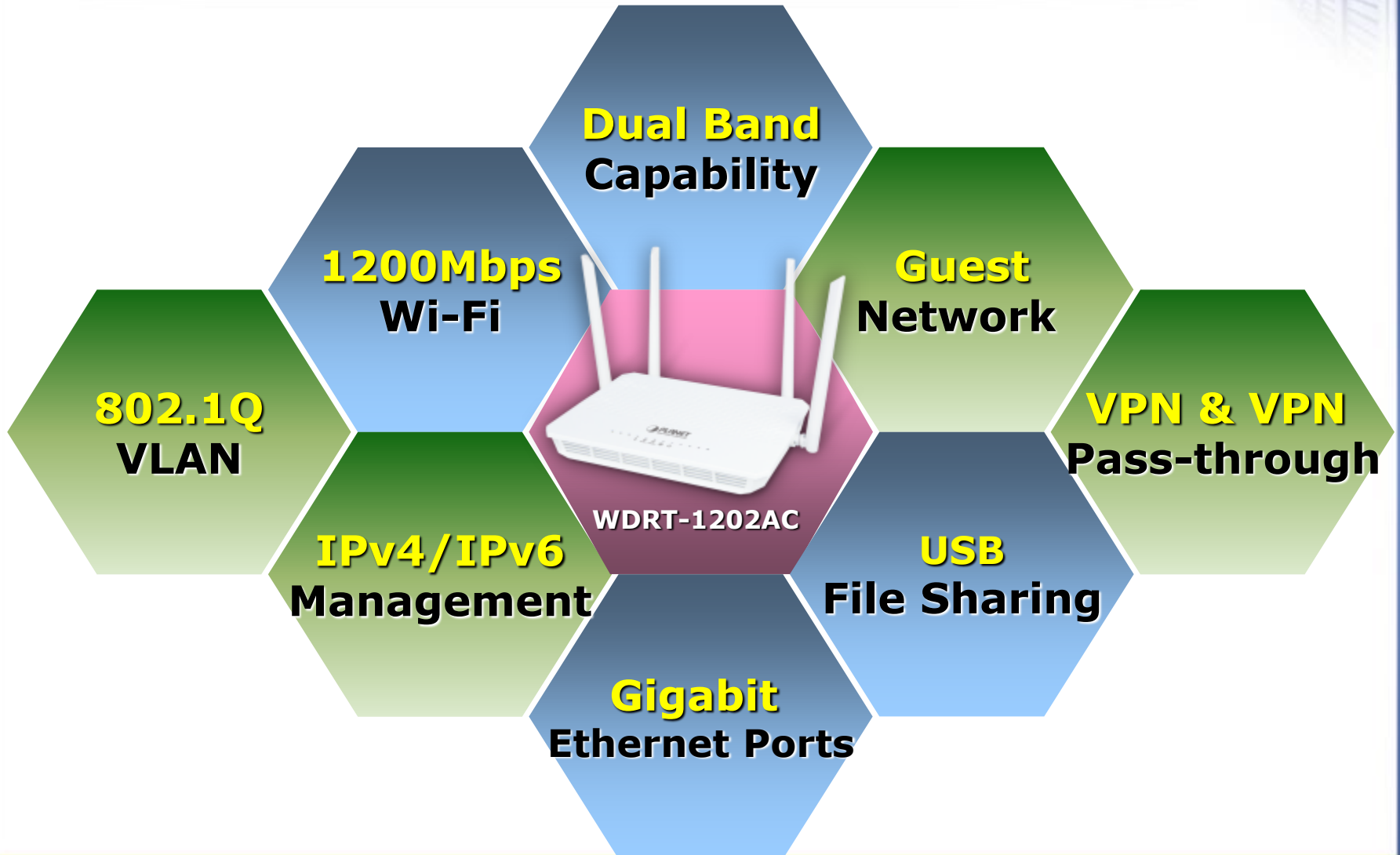


WDRT-1202AC Data Transmission Rates **1200Mbps**

# Product Benefits



# Product Benefits





# Product Benefits

- ◆ **11ac Next-generation Wireless Connectivity**
  - ✓ Supports **IEEE 802.11a/b/g/n/ac Dual Band** standard with **2T2R MIMO** antenna technology; therefore, it can provide the wireless speed up to **1200Mbps (867+300)** which is **16 times** faster than the 11a router and **5.5 times** faster than the 11g router.
- ◆ **Simultaneous Dual Band Wireless Connectivity**
  - ✓ To avoid the wireless interference between 2.4GHz wireless applications, the WDRT-1202AC provides users with the 5GHz band for watching HD videos or playing online games additionally.
- ◆ **Gigabit Ethernet Connectivity**
  - ✓ Built-in **10/100/1000Mbps** Gigabit Ethernet ports support any cable length and link down for saving power.



# Product Benefits

- ◆ **Home DLNA Media Server over USB File Sharing**
  - ✓ Easy for file sharing and charging mobile devices with **USB 2.0 port**.
  - ✓ Built-in **DLNA Media Server** allows DLNA-enabled devices to share and stream multimedia files over home network.
  - ✓ The increased **Gigabit wired** and **11ac wireless** speeds accommodate streaming high-quality multimedia files.
  
- ◆ **Guest Network for Different Users**
  - ✓ Guest SSID to allow users to access different networks through one single AP.

# Product Benefits – *2.4G/5GHz Dual Band*

## The Internet Applications



**5GHz**

**a / n / ac**



**2.4GHz**

**b / g / n**



**Low Interference**  
HD Video Streaming &  
Conference

**High Compatibility**  
Web & File Sharing

**867** Mbps

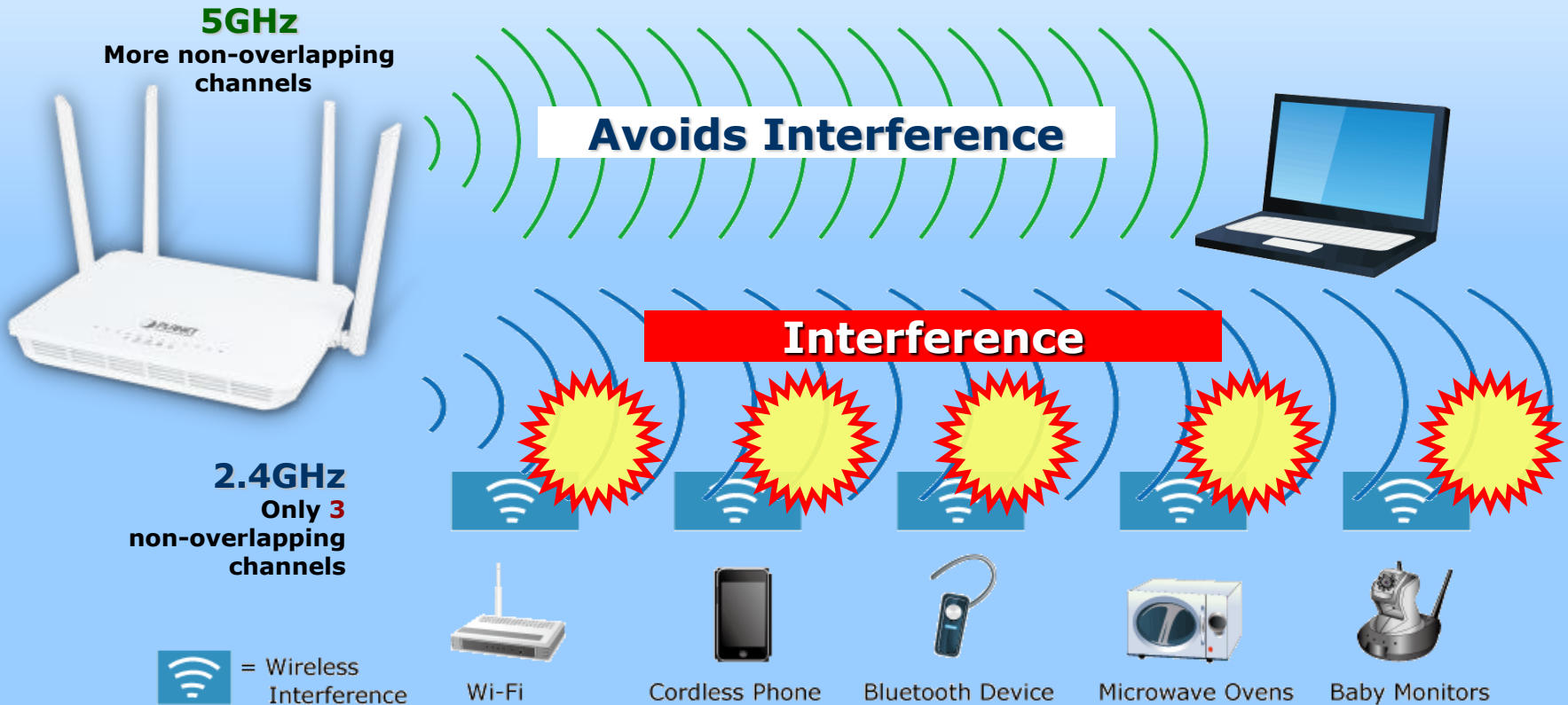
**1200**Mbps

**300** Mbps

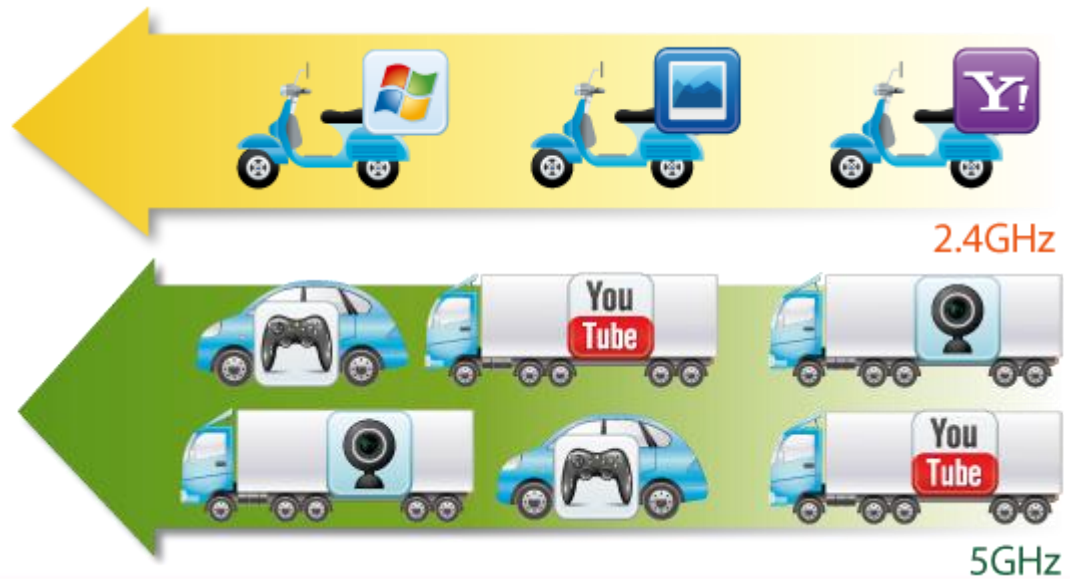
# Product Benefits – **5GHz Band**

## ◆ 5GHz Wireless Connection

- ✓ More free channels, **less interference, better connections**
- ✓ Up to 9 non-overlapping channels (will vary based on the regulation in different regions)

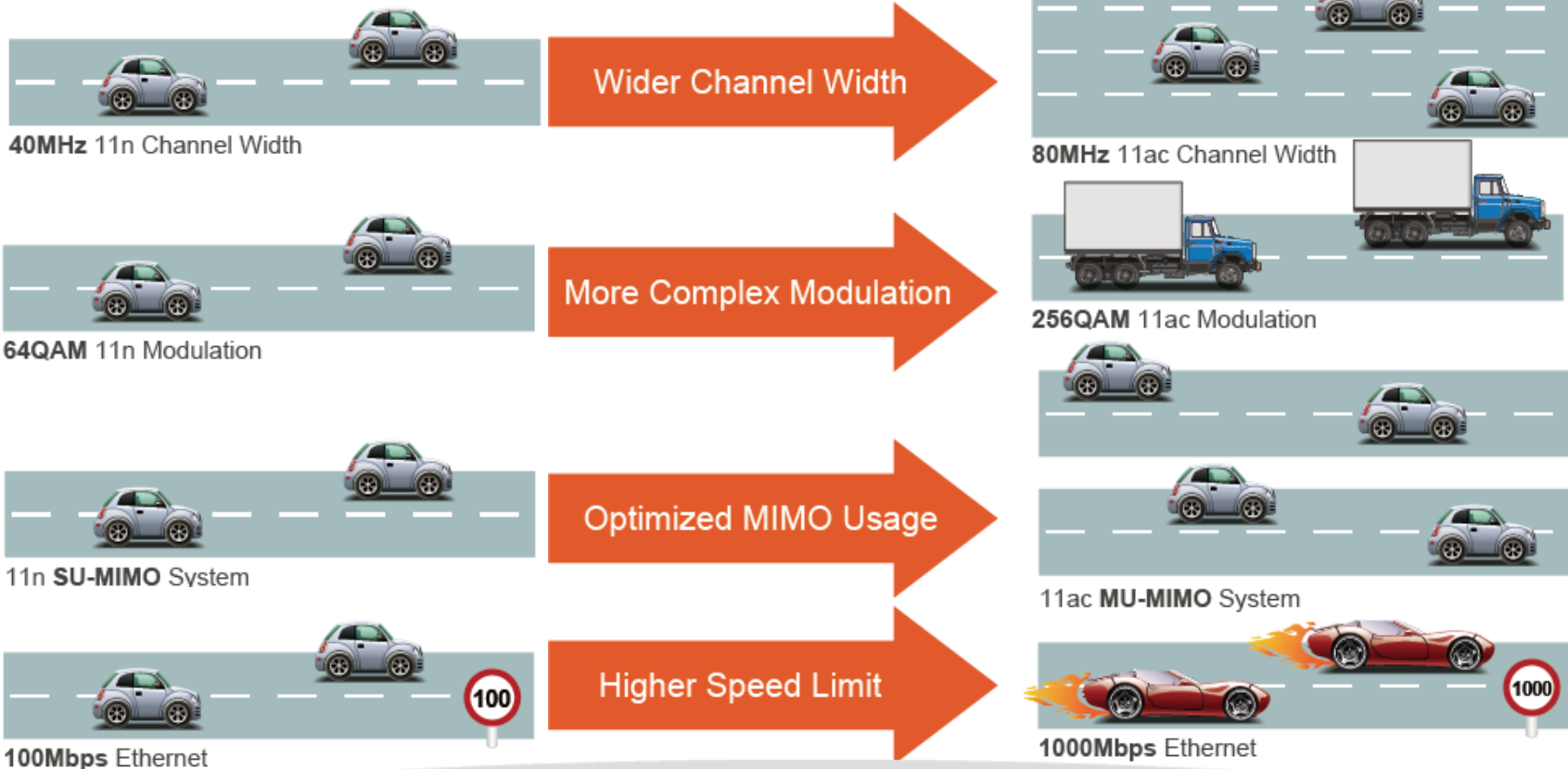


# Product Benefits – *5GHz Band*





# Product Benefits – 11ac Wi-Fi & Giga LAN

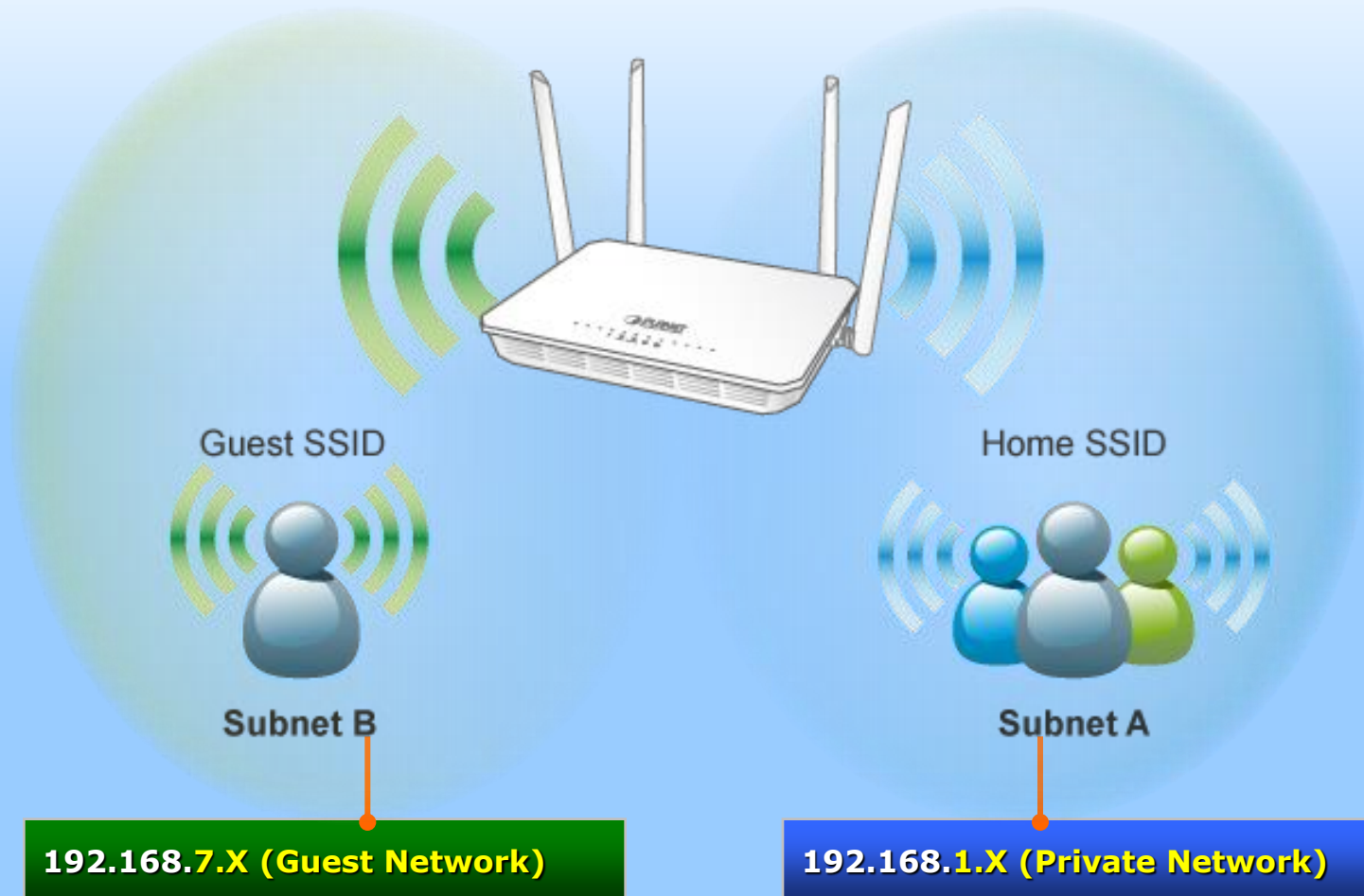


## Go faster in wired & wireless

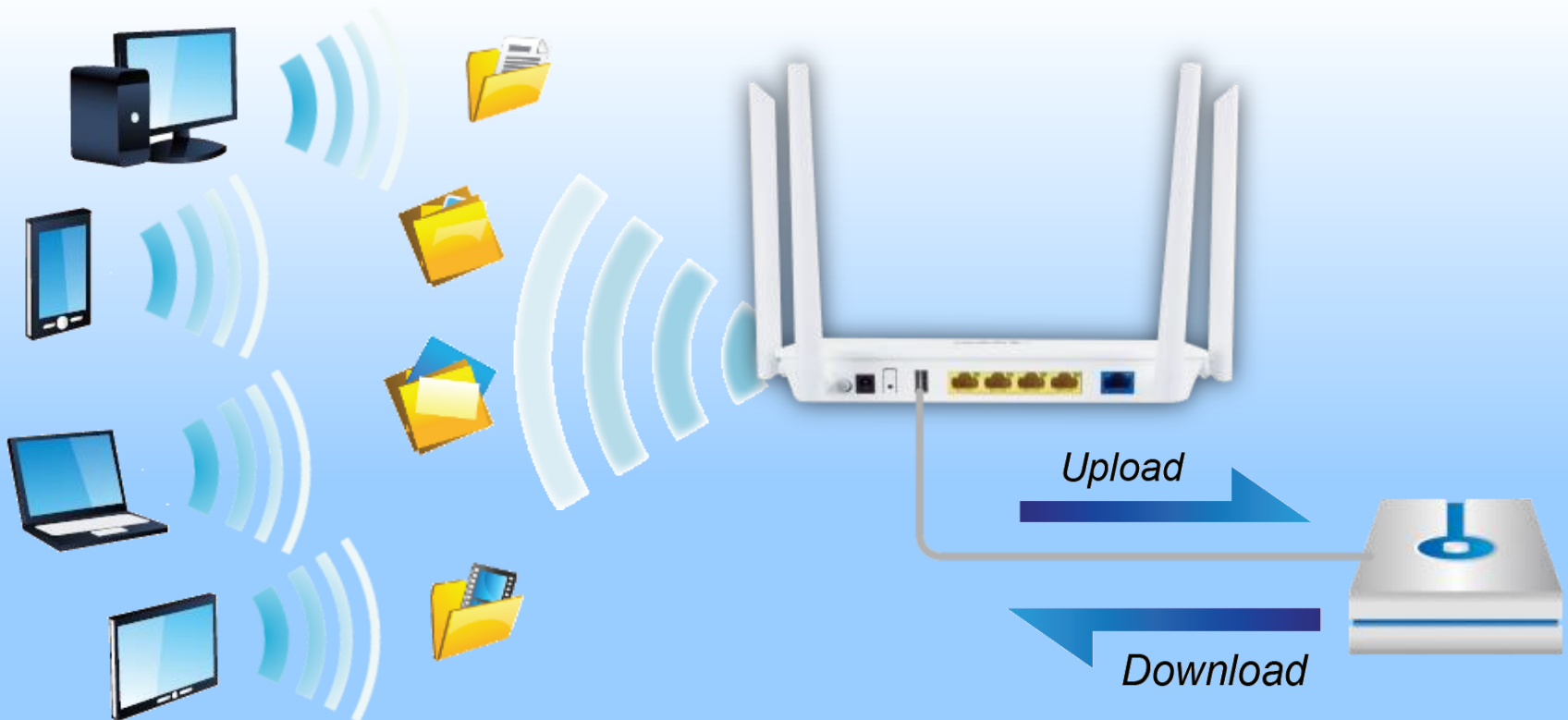
Take Advantage of 11ac to Optimize Data Link Speed

# Product Features – Guest Network

## Guest Network



## Product Benefits – **USB Port**



Easy to share **Storage** via **USB Anywhere !**

# Product Features



# Product Features

## ◆ Fixed Network Broadband Router

### ✓ WAN types:

- Dynamic IP
- Static IP
- PPPoE
- L2TP / PPTP
- **DS-Lite**

### ✓ Supports Port Forwarding, UPnP, Static Route, **PLANET DDNS**

### ✓ Supports **L2TP over IPSec VPN** to provide secure remote access to LAN for other devices

### ✓ VPN Pass-through:

- **PPTP**
- **IPSec**

# Product Features

## ◆ Secure Network Connection

- ✓ Supports **Wi-Fi Protected Setup (WPS)**
- ✓ **Advanced security:**
  - WPA-PSK/WPA2-PSK-AES encryption
- ✓ **Supports Grouping-based Security Filtering:**
  - IP Address Filtering
  - URL Filtering
  - MAC Filtering
- ✓ Supports **802.1Q VLAN** tagging on WAN with **802.1p priority**
- ✓ **Parental Control (MAC ACL)** up to 24 entries to block or allow network access for specific clients
- ✓ NAT firewall with **SPI (Stateful Packet Inspection)** and **ALG ALG (Application Layer Gateway)**

# Product Features – Easy Wi-Fi Protected Setup

## WPS (Wi-Fi Protected Setup) – Quick and Easy Wireless Connection

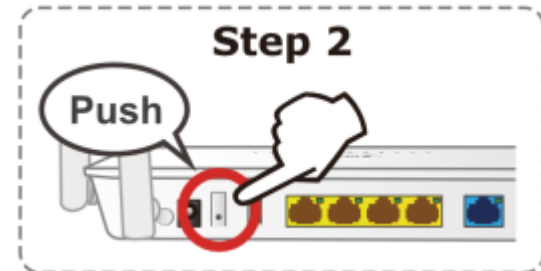
### ◆ Step 1

- ✓ In the Wireless Client, click the WPS Physical Hardware button or Software button on the adapter utility.



### ◆ Step 2

- ✓ In the WDRT-1202AC, press the **WPS Hardware button** on the rear panel for over 5 seconds.



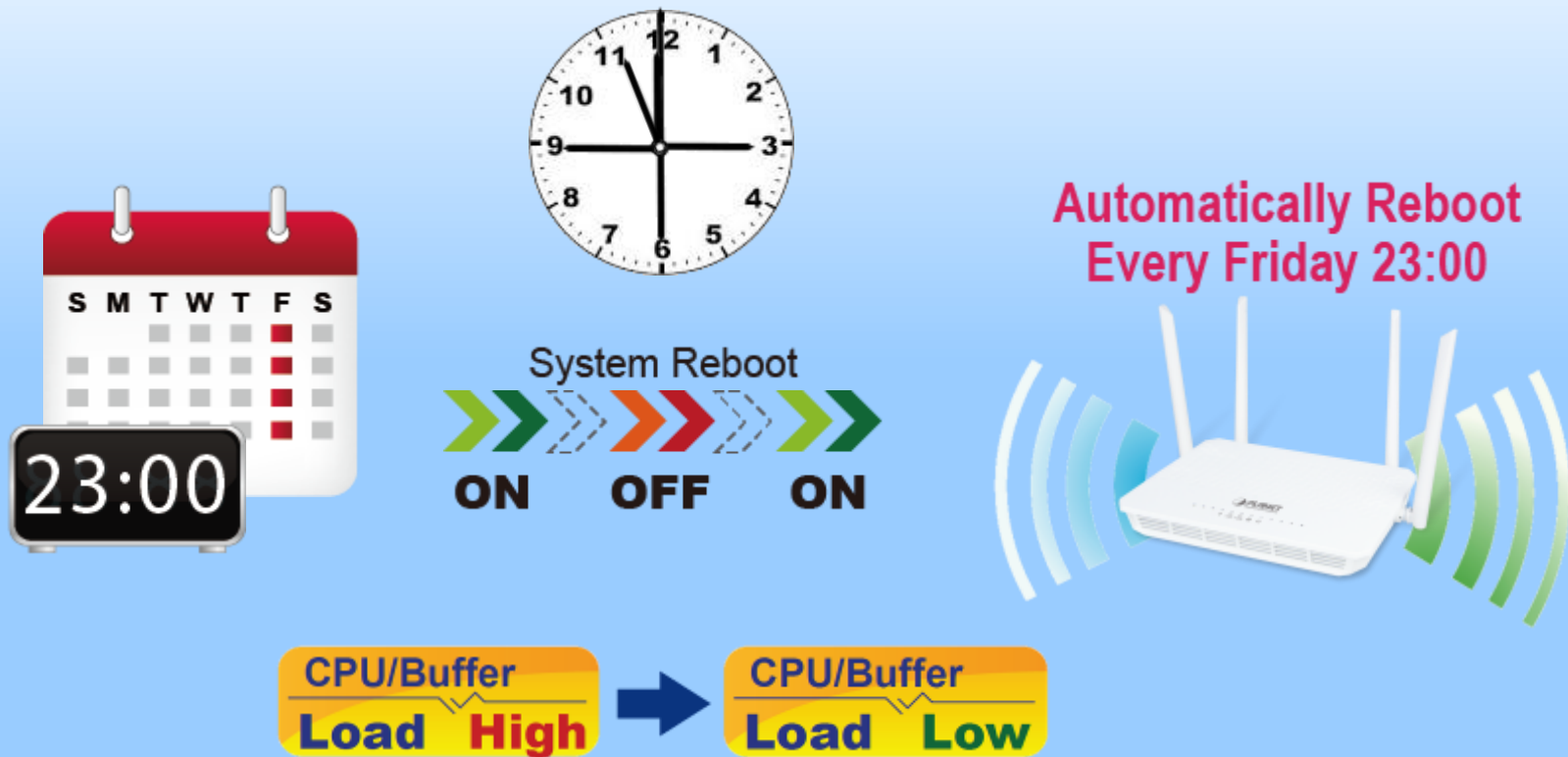
### ◆ Step 3

- ✓ Wait till it is connected.



# Product Feature – Self-healing

- ◆ **Self-healing: auto-reboot by schedule**





# Product Features

- ◆ **Advanced Networking function for Specific Application**
  - ✓ Supports **Multiple Bandwidth Control (QoS)** based on different local IP addresses and ports
  - ✓ Supports **NTP, Port Forwarding** and **DMZ** for various networking applications
  - ✓ Supports DHCP Server
  
- ◆ **Easy Installation & Management**
  - ✓ IPv4 and **IPv6** dual-stack management networks
  - ✓ Web-based UI and Quick setup for easy configuration
  - ✓ System status monitoring includes DHCP Client and System Log

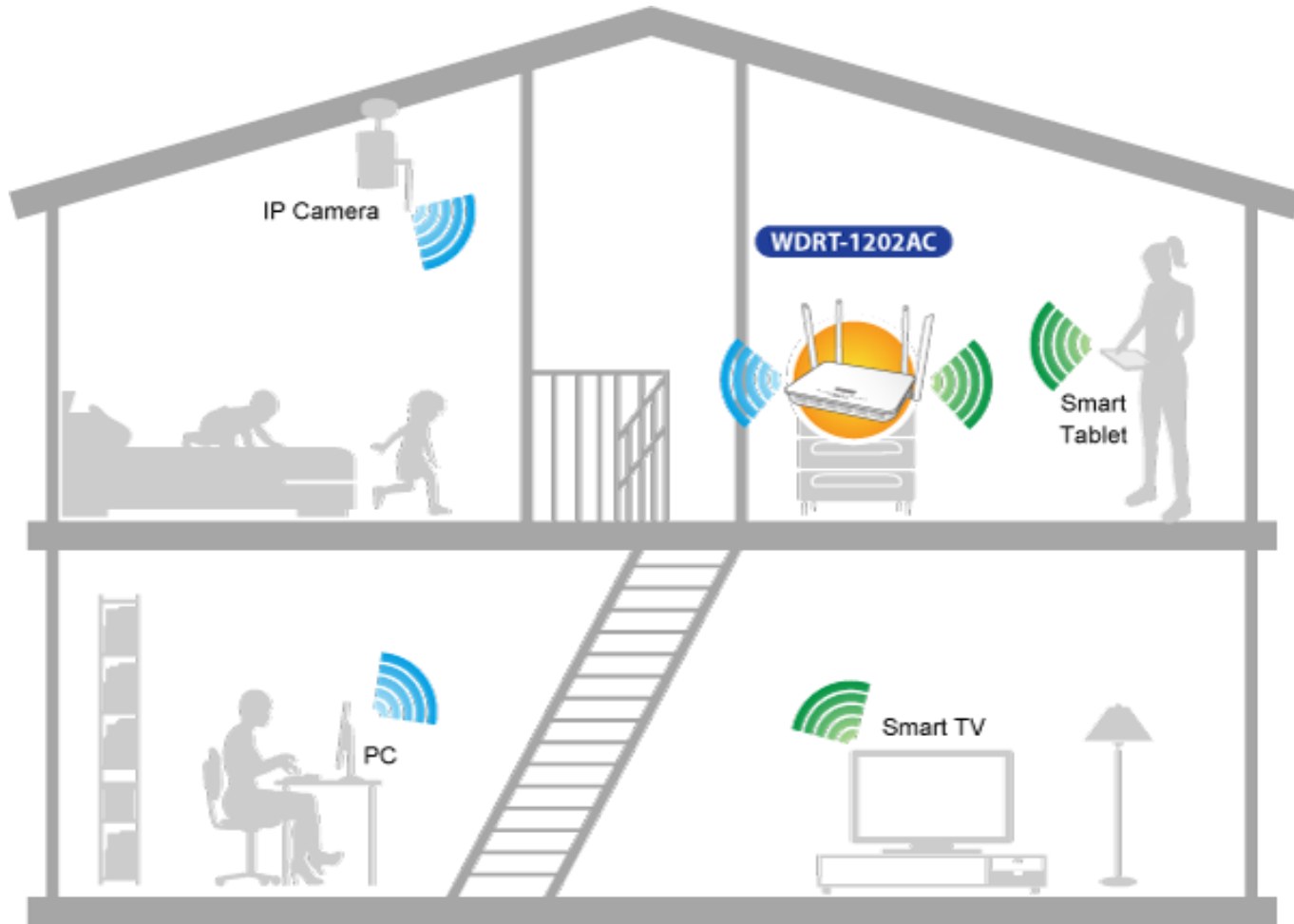
# Application



# Applications

- ◆ **Experience the Real High-speed Wireless Connection**
  - ✓ **PLANET WDRT-1202AC delivers dual band technology to avoid signal interference and ensure the best Wi-Fi performance.**
  - ✓ **It allows you to check e-mail 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.**
  - ✓ **Four 5dBi external antennas (2.4GHz + 5GHz) provide better RF coverage and reduce the dead spot indoors.**

# Applications



2.4GHz 802.11b/g/n



5GHz 802.11a/n/ac



# Applications

## 5GHz Wireless



Smart TV



Video & Music



867Mbps



300Mbps

## 2.4GHz Wireless



Internet E-mail



APP  
Social Networking



USB HDD

USB

USB



PC



Laptop



Game Console



NAS

Wired Gigabit LAN



Cable/xDSL Modem





Internet

# Product Comparison



## Comparison – Planet **11ac Indoor** Gigabit Router

Model	<b>WDRT-1202AC</b>	<b>WDRT-1200AC</b>
Features	 <b>External Antenna</b>	 <b>Internal Antenna</b>
Memory (Flash/SDRAM)	<b>16MB/1Gb</b>	<b>16MB/128MB</b>
Wireless Antenna	<b>2.4GHz: 5dBi external fixed antenna x 2</b> <b>5GHz: 5dBi external fixed antenna x 2</b>	<b>2.4GHz: 1.8dBi internal x 2</b> <b>5GHz: 3.8dBi internal x 2</b>
USB	<b>USB 2.0 x1</b>	<b>USB 3.0 x1</b>
WAN Types	<b>Dynamic, Static, PPPoE, PPTP, L2TP, DS-Lite</b>	<b>Dynamic, Static, PPPoE, PPTP, L2TP</b>
Supported Max. Clients	<b>2.4GHz:32/5GHz: 32</b>	
Access Control	<b>IP/URL/MAC Filtering</b>	
IPv6 Management	<b>Yes</b>	<b>No</b>
802.1Q VLAN	<b>Yes, on WAN with 802.1p priority</b>	<b>No</b>
Guest Network	<b>Yes</b>	<b>No</b>
VPN	<b>Yes, L2TP over IPSec</b>	<b>No</b>
VPN Pass-through	<b>Yes, PPTP, IPSec</b>	<b>No</b>
Port Forwarding	<b>Yes</b>	<b>No</b>
Port Triggering	<b>No</b>	<b>Yes</b>
Operation Modes	<b>AP, Router</b>	<b>AP, Router, Repeater</b>
USB Sharing	<b>DLNA, Samba</b>	<b>DLNA, Samba, FTP</b>

# Appendix





# Appendix

## ◆ Target Markets

- ✓ Home user
- ✓ Public Area Access
- ✓ Hotel/Resort/Campus
- ✓ Small Office

## ◆ Benefits

- ✓ Maximum bandwidth
- ✓ Wide coverage
- ✓ Flexible in frequency usage
- ✓ Secure guest connection

## ◆ Profitable Products

### ✓ Check these out

- WDRT-1200AC
- WDRT-731U
- WNRT-627
- WNRT-617
- WNRT-617G
- WNRT-300G
- WNRT-320GS







### ✓ Meeting all your requirements

- High Speed
- Excellent Performance
- Solution for Home/SOHO/Residences
- Indoor AP/Router



# Appendix

## ◆ 802.11ac Indoor Related Products

<p><b>WDRT-1200AC</b></p>		<p>1200Mbps 802.11ac Wireless Broadband Gigabit Router</p>
<p><b>WDAP-C7200AC</b></p>		<p>1200Mbps 802.11ac Dual Band Ceiling-mount Wireless AP</p>
<p><b>WDAP-W7200AC</b></p>		<p>1200Mbps 802.11ac Dual Band Wall-mount Industrial Wireless AP</p>
<p><b>WRE-1200</b></p>		<p>1200Mbps 802.11ac Dual Band Wall Plug Wi-Fi Range Extender</p>
<p><b>WDAP-1750AC</b></p>		<p>1750Mbps 802.11ac Dual Band Wall-mount Enterprise Wireless AP</p>
<p><b>WDL-U601AC</b></p>		<p>433Mbps 802.11ac Dual Band Wireless USB Adapter</p>



# ACTIVATING IP POWER