

# ZyXEL



[www.zyxel.com/green](http://www.zyxel.com/green)

- 802.11n-compliant, 5 GHz-only design for interference-free connectivity
- SmartRange technology widely extends the effective wireless coverage
- Video-grade QoS optimizes video streaming playback
- Direct Link Setup support allows efficient bandwidth allocation
- Gigabit Ethernet for maximum wired connection performance and stability
- Hidden SSID for robust Wi-Fi security and smooth video streaming
- AP/Client mode switch for easy setup and control
- LED light off button fits better in living room environments
- Green product with wireless scheduling, power on/off button for energy saving

## WAP5605 5-GHz Wireless N Media Streaming Box

## Unwire Your Digital Entertainment!

### Benefits

The ZyXEL WAP5605 5-GHz Wireless N Media Streaming Box creates a high-performance wireless bridge for your home network. Just connect media players, set-top boxes and game consoles to the WAP5605, you can then easily stream video contents, enjoy IPTV services and play online games in different rooms at home without complicated wiring arrangements.

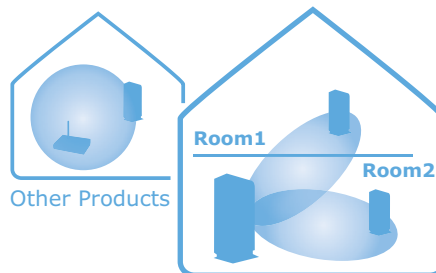
### Interference-free media streaming

With the 5 GHz technology, the ZyXEL WAP5605 5-GHz Wireless N Media Streaming Box allows reliable HD video streaming in your home without interference from common 2.4 GHz channel devices such as smart phones and laptops.



### Widely extends the effective wireless coverage

Thanks to the SmartRange technology, the WAP5605 provides effective wireless coverage by transmitting wireless signals directly to each other. Just put a pair of media streaming boxes in your home and easily set up AP and Client modes by using the AP/Client mode switch, you can enjoy digital entertainment content without dead spots.



ZyXEL with SmartRange Technology



Wireless Scheduling



Power On/Off Switch



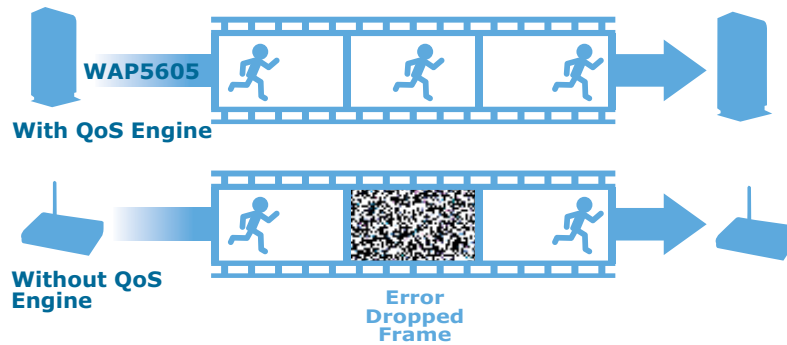
Wireless Output Management



## WAP5605 5-GHz Wireless N Media Streaming Box

### Optimized visual experience

In the past, WMM QoS features could only prioritize for time-sensitive applications without solving the stability issues. With the latest video-grade QoS, ZyXEL's WPA5605 can intelligently optimize the video streaming quality. No matter where you are at home, it adapts to the environment for more enjoyable high-quality wireless video streaming.



### Efficient bandwidth allocation

Just connect your home entertainment devices such as game consoles and media servers to the WAP5605; the data can be directly transferred between these home entertainment devices without passing through the associated access points, so you can enjoy IPTV or video streaming with less wait.

### Maximum wired connection performance

With two Gigabit Ethernet ports, the WAP5605 is designed for reliable high-performance video streaming with speeds 10 times faster than typical Ethernet connections and makes connecting multiple wired devices easier.

## Specifications

### System Specifications

#### Wireless standard

- 802.11a/n

#### Wireless transfer rate

- Transmit: 300 Mbps\*
- Receive: 300 Mbps\*

#### Wireless security

- WEP, WPA-PSK, WPA2-PSK, WPA and WPA2

#### Wireless features

- Wi-Fi Protected Setup (WPS)
- Wi-Fi Multimedia (WMM)
- Video-grade QoS
- Hidden SSID
- AP Mode/Client Mode
- Auto channel scan
- MAC filtering
- Direct Link Setup
- Wireless scheduler
- Output power management

#### Others

- LLTD Responder

### Hardware Specifications

- LAN: Two 10/100/1000 Mbps Ethernet RJ-45 ports with auto MDI/MDIX support
- LED indicator:
  - WPS
  - Power
  - LAN1
  - LAN2
  - Wireless
- Quality: Multi-color LED identifies wireless traffic quality in the client mode
- Button/Switch:
  - WPS button
  - Reset button
  - LED light off button
  - Power on/off button
  - AP/Client mode switch
- Power: 12 V DC, 1 A
- Power consumption: 7 Watt max.

### Physical Specifications

- Item dimensions (WxDxH): 110 x 155.8 x 30.7 mm (4.3" x 6.1" x 1.2")
- Item weight: 218 g (0.48 lb.)
- Packing dimensions (Kit) (WxDxH): 268 x 226 x 90 mm (10.5" x 8.9" x 3.5")
- Packing weight (Kit): 1,139 g (2.52 lb.)

### Environmental Specifications

#### Operating Environment

- Temperature: 0°C to 40°C (32°F to 104°F)
- Humidity: 20% to 90% (Non-condensing)

#### Storage Environment

- Temperature: -30°C to 70°C (-22°F to 158°F)
- Humidity: 20% to 95% (Non-condensing)

### Certification

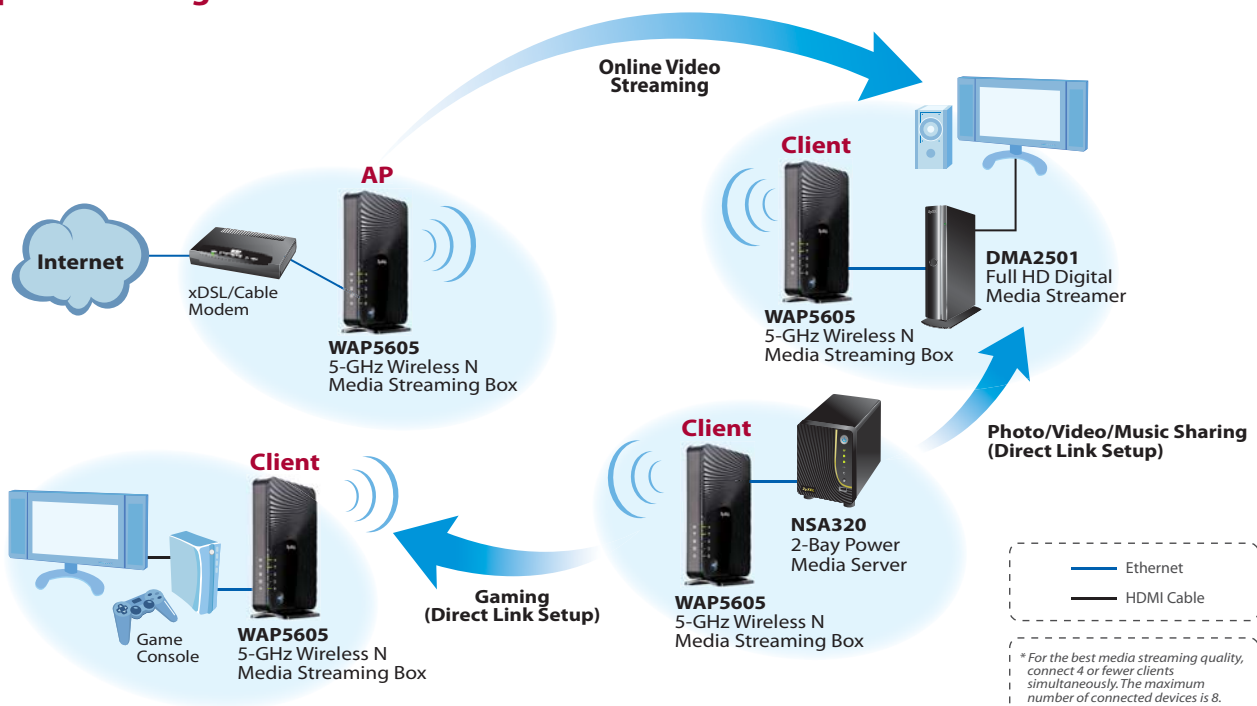
- Safety: CE LVD
- EMC: CE (with DFS band), FCC (w/o DFS band)

### Package Contents

- 5-GHz Wireless N Media Streaming Box Kit
- Two interchangeable power adapters
- Two Ethernet cables
- Quick start guide
- Warranty card
- Support CD

\*The maximum wireless data transfer rate is derived from IEEE Standard 802.11 specifications. Actual data transfer rate will vary from network environment including: distance, network traffic, building site materials/construction, interference from other wireless devices, and other adverse conditions.

## Application Diagram





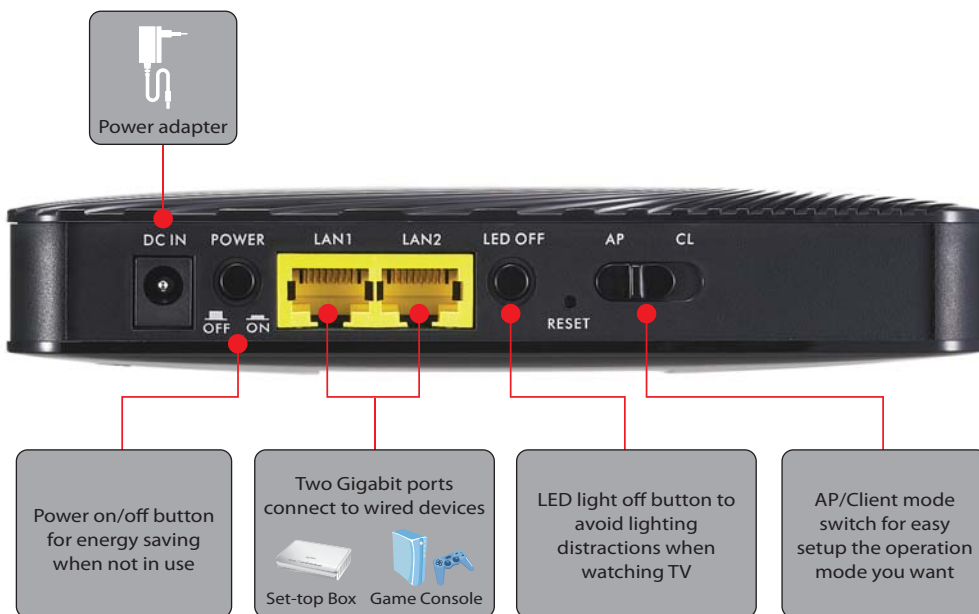
# WAP5605

5-GHz Wireless N  
Media Streaming Box

## Front Panel



## Rear Panel



For more product information, visit us on the web at [www.ZyXEL.com](http://www.ZyXEL.com)



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