



Stream HD Video and Enjoy IPTV in Multiple Rooms

N600

- 802.11n-compliant with data transfer rates of up to 600 Mbps*
- 5 GHz radio band for interference-free connectivity
- Beamforming technology supports explicit dynamic digital solutions
- Video-grade QoS optimizes video streaming
- Gigabit Ethernet port 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
- SSH/Telnet protocol for advanced configuration
- Remote management through TR-069**
- Green product with wireless scheduling, power on/off button for energy saving

The ZyXEL WAP5805 5-GHz Wireless N600 HD Media Streaming Box creates a high-performance wireless media bridge for your home network. The interference-free 5 GHz radio band, video-grade QoS and beamforming of WAP5805 enable service providers to offer subscribers new IPTV services that reduce deployment complexity, operating costs and maintenance expenses.

Benefits

Optimized HD visual experience with IPTV services

The ZyXEL WAP5805 5-GHz Wireless N600 HD Media Streaming Box is compliant with the 802.11n standard and brings you high wireless speeds of up to 600 Mbps* for multimedia streaming. For IPTV services, the device connects directly to a 5 GHz wired network through the service provider gateway and then connects to the IP set-top-box client that receives IPTV streams between two WAP5805 boxes. Taking advantage of the less-congested 5 GHz band eliminates interference from common 2.4 GHz radio band devices such as cordless phones and microwaves.

The ZyXEL WAP5805 also applies the latest video-grade QoS that intelligently optimizes the video streaming quality.

Expanding effective wireless coverage effortlessly

The ZyXEL WAP5805's beamforming technology enables it to transmit wireless signals directly to the linked devices for extended wireless coverage. Just install a pair of WAP5805 Media Streaming Boxes at home and you can enjoy digital entertainment without dead spot.

Set up your secured wireless network easily

The ZyXEL WAP5805 uses WPS 2.0 to protect your wireless network. It takes only a push on the button to set up a secured wireless network between the AP and its clients.

Remote management through TR-069**

ZyXEL's WAP5805 takes advantage of the TR-069 standard that allows service providers to remotely manage and configure the devices without user intervention. Moreover, it helps reducing deployment complexity, operating costs and maintenance expenses.



WAP5805
5-GHz Wireless N600 HD
Media Streaming Box



Wireless Output Management



Wireless Scheduling



Wireless Switch



Smooth Media Streaming



Easy Wireless Extension



WPS



TR-069



Specifications

System Specifications

Wireless Standard

- 802.11 a/n
- Wireless Transfer Rate
- Receive: 600 Mbps*
- Transmit: 600 Mbps*

Wireless Security

- WPA-PSK/WPA2-PSK

WLAN Features

- Two operation modes: access point and WLAN client
- Video-grade QoS
- Wi-Fi Protected Setup (WPS)
- Wi-Fi Multimedia (WMM)
- Wireless scheduling
- Wireless output power management (auto)
- Auto channel selection
- MAC address filtering
- Supports more AP (up to three guest AP at AP mode)

System Management

- HTTP, SSH, Telnet
- TR-069 remote management
- Online firmware upgrade

Hardware Specifications

- LAN: One 10/100/1000 Mbps Ethernet RJ-45 port with auto MDI/MDIX support
- LED indicators:
 - Power
 - LAN
 - Wireless
 - WPS
- Quality: Multi-color LED identifying wireless traffic quality in client mode
- Antennas: Four internal antennas
- AP/Client mode switch for setting up operation mode
- Buttons:
 - Power on/off button
 - WPS button
 - Reset button
- Power: 12 V DC, 1 A
- Power consumption: 7 watt max

Physical Specifications

- Item dimensions (WxDxH): 110 x 156 x 31 mm (4.33" x 6.14" x 1.22")
- Item weight: 218 g (0.48 lb.)
- Packing dimensions (twin pack, WxDxH): 271 x 228 x 95 mm (10.67" x 8.98" x 3.74")
- Packing weight (twin pack): 1,139 g (2.52 lb.)

Environmental Specifications

Operating Environment

- Temperature: 0°C to 40°C (32°F to 104°F)
- Humidity: 10% to 90% (Non-condensing)

Storage Environment

- Temperature: -30°C to 70°C (-22°F to 158°F)
- Humidity: 10% to 95% (Non-condensing)

Certification

Safety

- CE-LVD

EMC

- CE, FCC

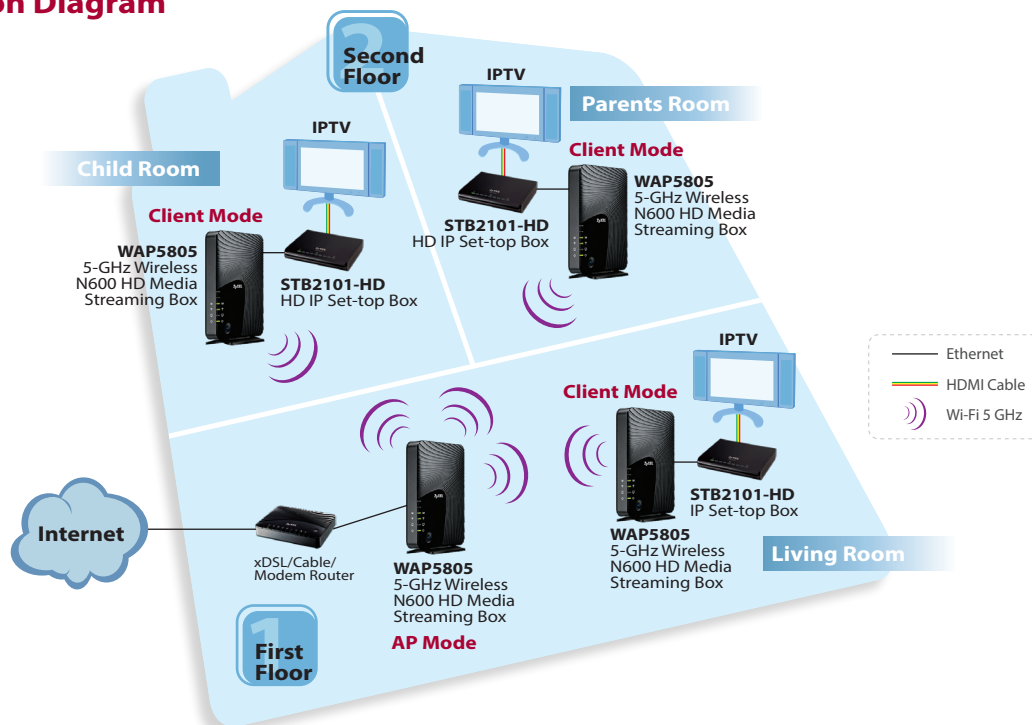
Package Contents

- 5 GHz Wireless HD Media Streaming Box
- Power adapter
- Ethernet cable
- Quick start guide
- Support CD
- Warranty card

*The maximum wireless data transfer rate of up to 600 Mbps for 5 GHz simultaneously, which 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.

** Future request by project based

Application Diagram



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