

WAP6405

5GHz AC1750 Gigabit Wireless Bridge

The Zyxel WAP6405 is an AC1750, 802.11ac wireless bridge that can be used for video / IPTV and data services. It is also the perfect way to stream high definition video to all devices throughout user's home. The WAP6405 is also an easy and affordable way of upgrading an 11n router to a high-performance dual-band 802.11ac WiFi network. With over 25 years of experience and extensive industry-wide interoperability, Zyxel offers service providers solid products with reduced deployment times and lasting subscriber experience.

Benefits

Unleash Video-over-WiFi Performanc

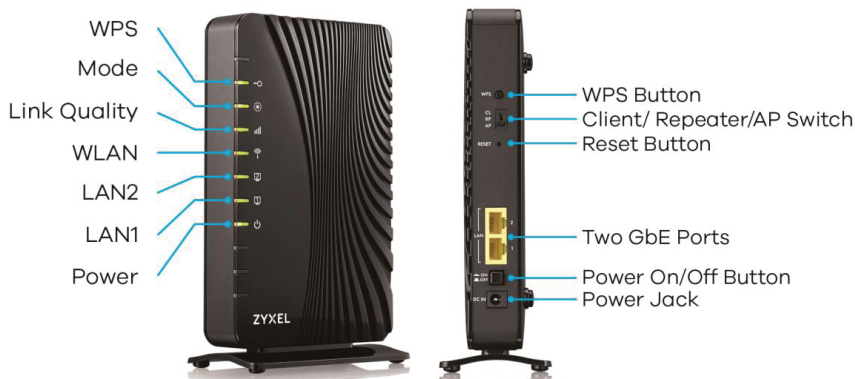
The WAP6405 operates on 5Ghz, 802.11ac WiFi standard with speeds of up to 1750 Mbps*. Wi-Fi performance and range is further enhanced with high-power amplifiers, Multi-User MIMO (MU-MIMO) and Beamforming for simultaneous, lag-free video streaming, gaming and data applications. WAP6405 also applies the latest video-grade QoS that intelligently optimizes the video streaming quality.

TR-069 Remote Provisioning and Management

The WAP6405 supports TR-069 that simplifies remote configuration, upgrades and management, thereby reducing cost and improving customer satisfaction.

Easily switch between AP, Repeater and Client mode

The Zyxel WAP6405 features a hardware switch for changing operation modes between AP, Repeater or Client, for ease of use and versatility of applications.



802.11ac-compliant with data transfer rates up to 1750 Mbps*



Integrate High-power Amplifiers and Beamforming technology to enhance Coverage



Video-grade QoS optimizes video streaming



AP/Client/Repeater mode switch and WPS button for easy setup



Multi-color Link Quality LED for easy Installation



Dual image for reliable system recovery



Support both web GUI configuration and TR-069 remote management

Specifications

System Specifications

Wireless Standard:

- IEEE 802.11 n/ac 5 GHz

Wireless Speed:

- Transmit: 1733Mbps* for 5 GHz
- Receive: 1733Mbps* for 5 GHz

Wireless Security:

- WPA-PSK/WPA2-PSK

Wireless Features:

- 3 Operation Modes
- VHT bandwidth: 20/40/80 MHz
- Video-grade Qos
- Wi-Fi Protected Setup (WPS)
- Wi-Fi Multimedia (WMM)
- Auto channel selection
- MAC address filtering
- Multiple SSIDs (up to 4 SSIDs)
- MU-MIMO and Beamforming

System Management:

- HTTP/GUI, Telnet/CLI
- TR-069/098/111 remote management
- Remote firmware upgrade
- DHCP client and IGMP snooping

Operation mode

- Access point mode
- Client mode
- Repeater mode

Hardware Specifications

LAN:

- Two 10/100/1000 Mbps Ethernet RJ-45 ports with auto MDI/MDIX support

Antenna:

- Four Internal Antennas (3dBi)

LED Indicator:

- WPS
- Mode (Client/Repeater/AP) Quality (Wi-Fi Performance) Wireless LAN1-2 Power

Buttons:

- Power on/off
- Reset/Restore AP/Client/Repeater Mode switch WPS

Power:

- 12VDC, 1A

Power Consumption:

- 12 watt max

Physical Specifications

Item dimensions (W x D x H):

- 121mm x 30mm x 199mm (w/ stand)
4.76 x 1.18 x 7.83 inch

Item weight:

- 175g / 0.39 lb

Packing dimensions (W x D x H):

- 320mm x 71mm x 173mm
12.64 x 2.80 x 6.80 inch

Packing dimensions (W x D x H):

- 322g / 0.71 lb

Environmental Specifications

Operating Environment:

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

Storage Environment:

- Temperature: -30°C~70°C/
- Humidity: 10% ~ 95% (Non-condensing)

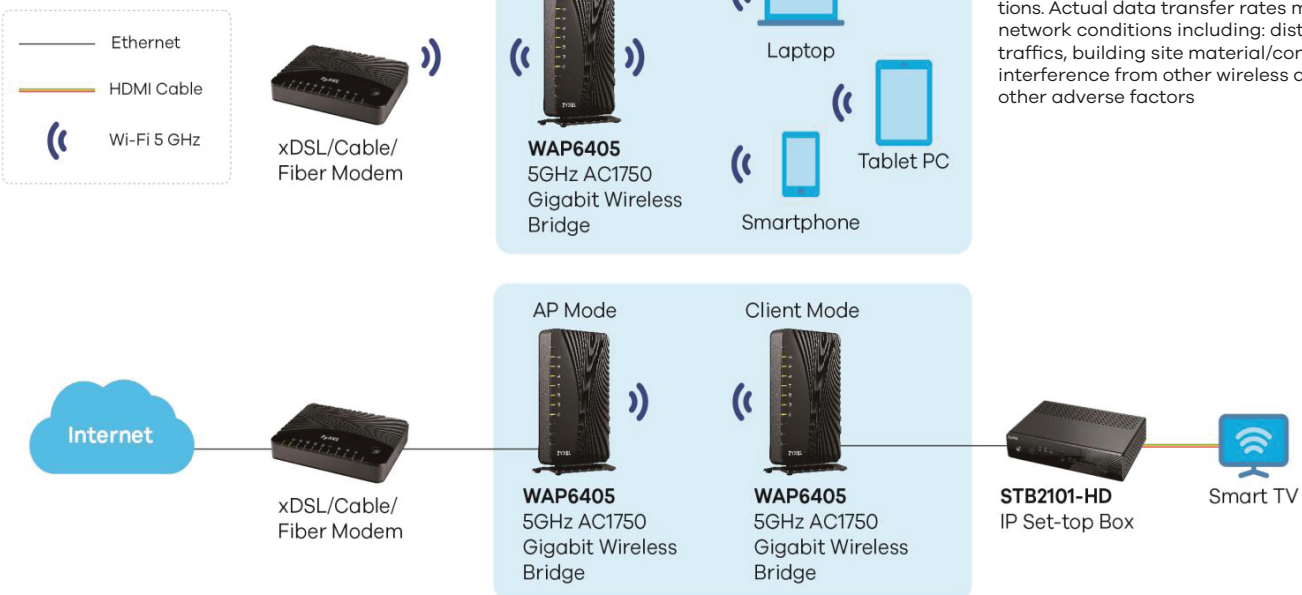
Certification:

- FCC Part 15B, FCC Part 15E

Package Contents:

- WAP6405
- Power adapter
- Ethernet cable
- Quick Start Guide (including Safety and Warranty Card)

Application Diagram



*The maximum wireless data transfer rates of up to 1733Mbps at 5GHz in simultaneous transmission is derived from the IEEE Standard 802.11 specifications. Actual data transfer rates may vary from network conditions including: distance, network traffics, building site material/construction, interference from other wireless devices and other adverse factors