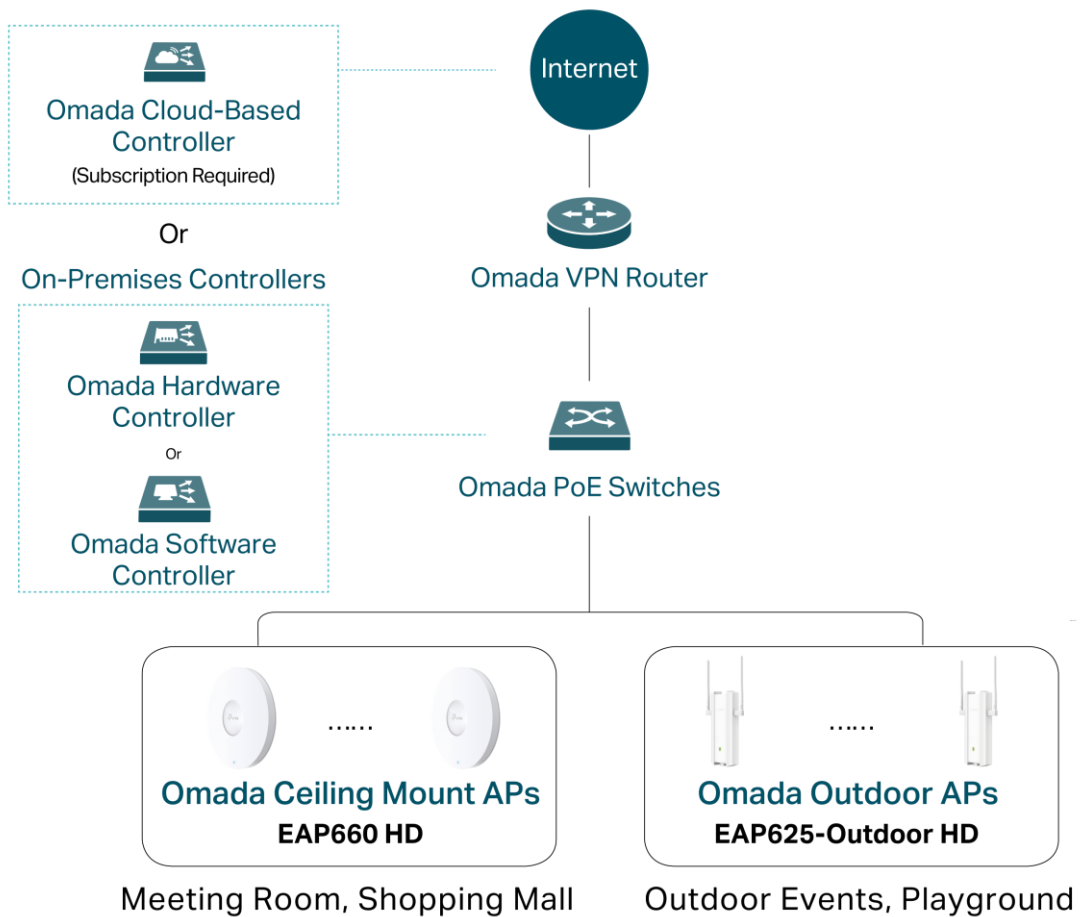


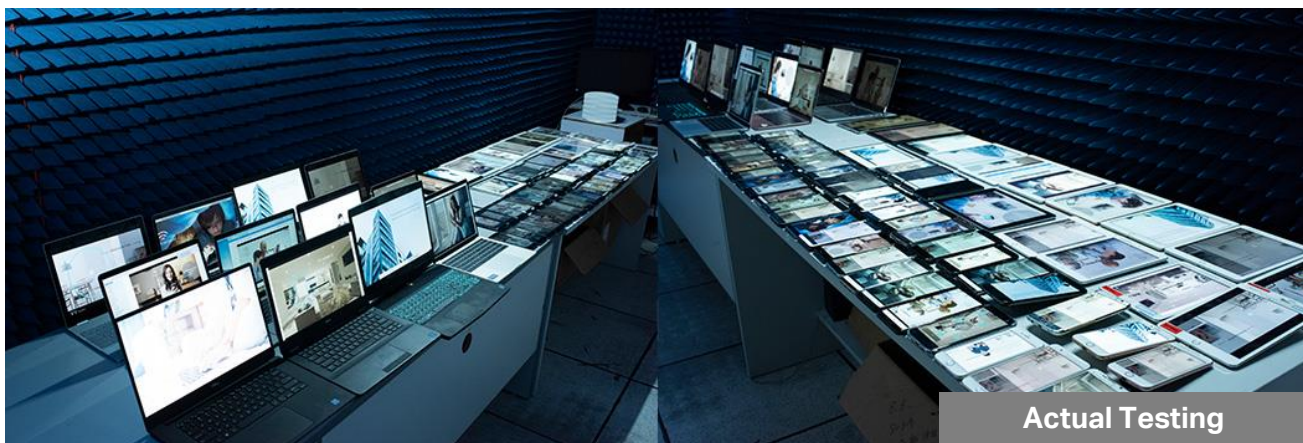
# Omada Wi-Fi for High-Density Environments

High-density Wi-Fi environments are locations with hundreds or even thousands of Wi-Fi clients. Common cases are meeting rooms, restaurants, shopping malls, outdoor events, and playgrounds. High-density Wi-Fi solutions will remain an important part of enterprise network upgrading for years to come. Omada access points, an important part of the Omada Software Defined Networking solution, provide a range of capable indoor and outdoor solutions designed to meet the increasing demands of high-density networks.

## Typical Solution Topology and Product Recommendations

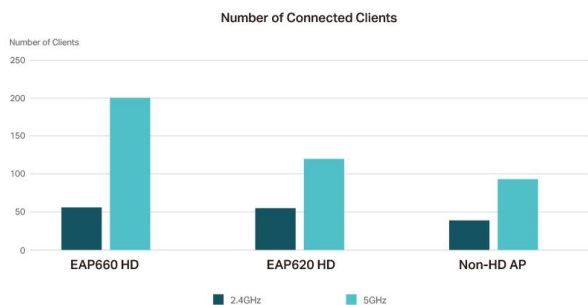


Type	Model	Wi-Fi Class	Ethernet Ports	Concurrent Clients	Main Features
Indoor	EAP660 HD	AX3600	1× 2.5G	1024	Wi-Fi 6; Up to <b>3.6 Gbps</b> Wi-Fi speed; <b>1× 2.5G</b> RJ45 port; <b>4×4</b> MIMO antennas; Mesh; Seamless roaming; Captive portal; 802.3at PoE / 12V DC power supply
Outdoor	EAP625-Outdoor HD	AX1800	1× 1G	1024	Wi-Fi 6; Up to <b>1.8 Gbps</b> Wi-Fi speed; 1× Gigabit RJ45 port; Mesh; Seamless roaming; Long range with external antennas; Captive portal; <b>IP67</b> weatherproof; 802.3at PoE /48V Passive PoE power supply



## Larger Capacity for High-Density Environments

Omada high-density access points improve efficiency and ensure top-tier performance for high-density locations like shopping malls, supermarkets, and restaurants. Actual testing proves that the high-end Wi-Fi 6 High-Density (HD) AP can connect over two hundred clients at the same time. In reality, the maximum recommended client density depends on environmental conditions.



\*Testing was conducted in the TP-Link laboratory with clients running different applications. The actual maximum client density depends on environmental conditions.



## Centralized Multi-Site Management

Control the whole network in multiple sites on a single interface from anywhere with the Omada SDN platform. Cut down on your maintenance costs and vastly improve your network efficiency.



## Easy Installation and Deployment

Simple mount construction and a sleek, minimalist look. PoE compatibility allows for versatile deployment.



## Auto Channel Selection and Transmission Power Adjustment

To prevent overlapping channel interference, the AP automatically adjusts the radio frequencies to avoid co-channel interference and increase efficiency.



## Load Balance

Balances the number of users across APs to ensure the highest possible performance for all users.



## Airtime Fairness

ATF increases efficiency and capacity across the network by preventing older devices from interfering with peak usage periods.



## Boost Business with a Customized Page

Captive Portal provides direct exposure to promotional information and other marketing content while securing network access for guests.



## Omada Mesh Technology

Omada Mesh enables wireless connectivity between access points for extended range, making wireless deployment more flexible and convenient.



## Seamless Roaming

Ensure customers enjoy uninterrupted streaming when moving around by switching automatically to the access points with the optimal signal.

## TP-Link Omada Deserves Your Trust

### Better Support

We are available for you — call, email, chat, and visit the community with your pre-sales, post-sales, and installation questions.

- ✓ Localization Support Teams
- ✓ Official Omada Community
- ✓ Dedicated Omada Support
- ✓ Certification and Training

### Extended Product Warranties

- ✓ 5-Year Product Warranty in the US region\*

\*Applicable to Omada products in the US region. Certain products have a 2-year warranty. Go to <https://www.tp-link.com/us/support/replacement-warranty/> for details. Warranty may vary between regions/countries.

### Vertical Integration and Stable Supply

- ✓ A Genuine Manufacturer with vertically integrated supporting facilities ensures complete quality, cost control, and high-level manufacturing, enabling better value than traditional OEM's
- ✓ Controls the cycle time and improves production efficiency
- ✓ Local warehouse for sufficient local stocks and fast delivery\*

\*Applicable to the US region and may vary between regions/countries.

### A Best-In-Class Total Value

- ✓ A Best-In-Class Total Value means reliable industry-standard solutions, comprehensive services, better support, and competitive pricing
- ✓ World's No. 1 Wi-Fi Product Provider for 12 consecutive years\*
- ✓ Over 20 years of product testing and manufacturing have built our hard-earned reputation for reliability

\*Source: IDC Worldwide Quarterly Wireless LAN Tracker, Q4 2022 (claim based on worldwide shipments).