

Omada Solution for Small to Mid-Size Offices

Simplicity and functionality are the key principles for designing a small and medium-sized office network setup. To drive business growth, offices require reliable network systems involving more clients - both wired and wireless - more bandwidth-demanding applications, and more customized services like VPN.

Omada, a Software Defined Networking solution, provides one-stop access to high-quality services and high-performance products, ideal for use in small to mid-size offices.

What Omada Offers

One-Stop Solution and Product Options

- ▶ From routers, switches, access points, controllers, to an end to end solution refresh
- ▶ Flexible controller options including Hardware, Software, and Cloud Based Controllers

Software Defined Networking (SDN)

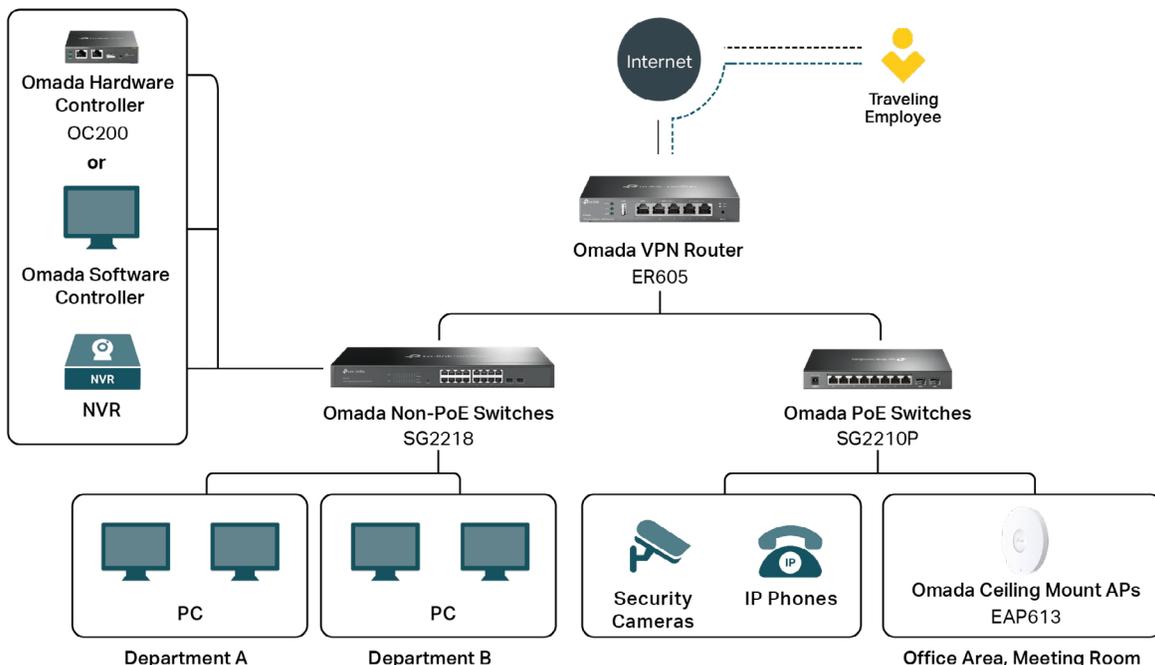
- ▶ Unified network management
- ▶ Zero-Touch Provisioning
- ▶ Multi-Customer and Multi-Site Management
- ▶ Customized user management permissions
- ▶ Network monitoring and integrated troubleshooting tools

Reliable Performance and Enterprise Security

- ▶ Always-on Wi-Fi coverage
- ▶ Enterprise security functions including WPA3 and VPN
- ▶ Portal and 802.1X staff authentication
- ▶ Content filter and monitoring
- ▶ Load Balance and Loop Detection for robust network stability

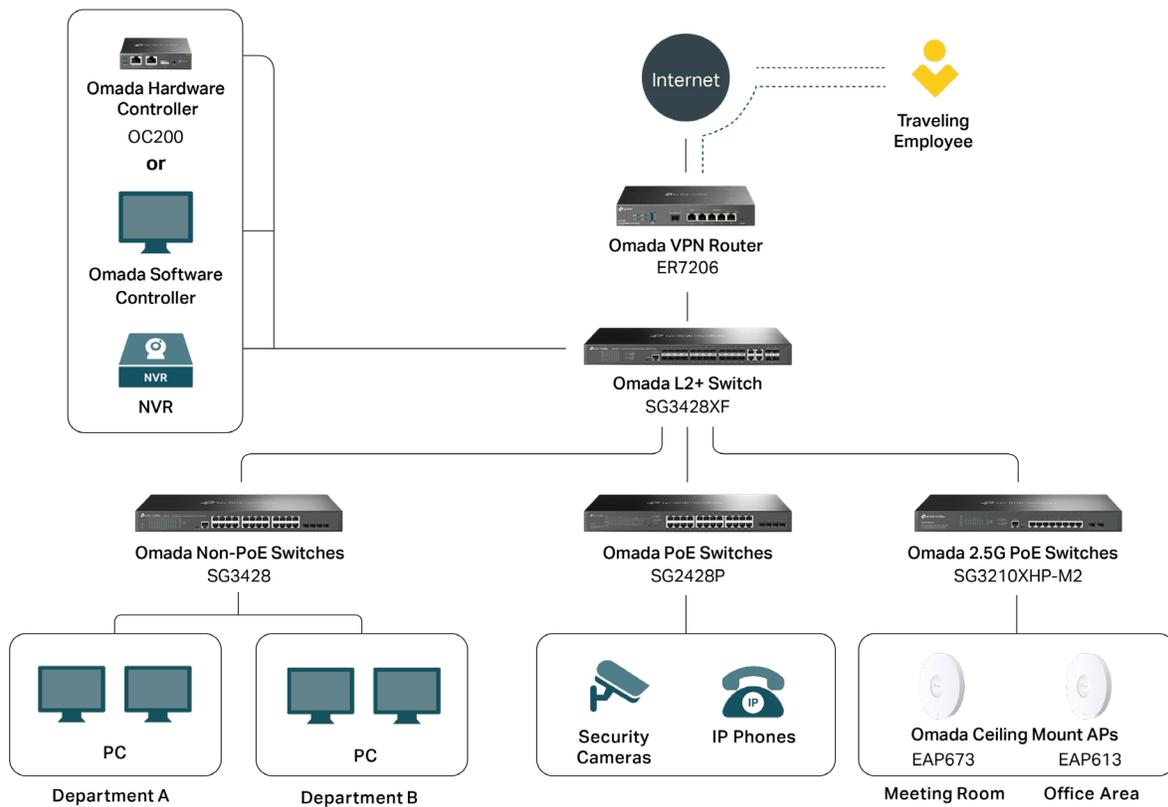
Typical Solution Topology and Product Recommendations

1. Small Offices (Less Than 50 Employees)



Small Offices (Less Than 50 Employees)			
Product	Model	Role	Features
Controllers	OC200	Management	Hardware Controller without running PCs; Manage up to 130 devices ; Free cloud access; 802.3af/at PoE or Micro USB power supply
Routers	ER605	Gateway	5× Gigabit RJ45 ports; Up to 3 WAN ports; Multi-WAN Load Balancing; Firewall; Enterprise-level Wireguard/IPSec/OpenVPN; LTE Backup with USB dongle
Switches	SG2210P	Connecting Access Points, IP Cameras, and IP Phones	8× PoE+ Gigabit RJ45 ports; 2× Gigabit SFP ports; 61 W PoE budget
	SG2218	Connecting PCs	24× Gigabit RJ45 ports; 2× Gigabit SFP ports
Ceiling Mount APs	EAP613	Office Areas and Meeting Rooms Wi-Fi	Wi-Fi 6; Up to 1.8 Gbps Wi-Fi speed; 1× Gigabit RJ45 port; Mesh; Seamless roaming; Captive portal; 802.3at PoE power supply

2. Mid-Size Offices (50-250 Employees)



Mid-Size Offices (50–250 Employees)			
Product	Model	Role	Features
Controllers	OC200	Management	Hardware Controller without running PCs; Manage up to 130 devices ; Free cloud access; 802.3af/at PoE or Micro USB power supply
Routers	ER7206	Gateway	5× Gigabit RJ45 ports + 1× Gigabit SFP ports; Up to 5 WAN ports; Multi-WAN Load Balancing; Firewall; Enterprise-level SSL/ Wireguard/ IPSecVPN; LTE Backup with USB dongle
Switches	SG3428XF	Core Layer	20× SFP , 4× RJ45/SFP Combo Gigabit ports; 4× 10G SFP+ ports; Redundant power supplies
	SG3210XHP-M2	Connecting AP with 2.5G PoE Port	8× 2.5G PoE+ RJ45 ports; 2× 10G SFP+ ports; 240 W PoE budget
	SG2428P	Connecting IP Cameras and IP Phones	24× PoE+ Gigabit RJ45 ports; 4× Gigabit SFP ports; 250 W PoE budget
	SG3428	Connecting PCs	24× Gigabit RJ45 ports; 4× Gigabit SFP ports
Ceiling Mount APs	EAP673	Meeting Room Wi-Fi	Wi-Fi 6; Up to 5.4 Gbps Wi-Fi speed; 1× 2.5G RJ45 port; Mesh; Seamless roaming; Captive portal; 802.3at PoE power supply
	EAP613	Office Area Wi-Fi	Wi-Fi 6; Up to 1.8 Gbps Wi-Fi speed; 1× Gigabit RJ45 port; Mesh; Seamless roaming; Captive portal; 802.3at PoE power supply

Solution Benefits

1. Easy Setup, Scalability, and Management to Facilitate Business

Omada's simplicity enables small and mid-size offices to easily set up and maintain their entire networks, even without professional full-time IT managers.

-  Unified Network Management
-  Multi-Customer and Multi-Site Management
-  Zero-Touch Provisioning
-  Flexible Management Architecture Increases Business Agility and Scalability
-  Customized User Management Permissions
-  SNMP v2c/v3

2. Reliable Performance Matters for Company Operation

Fast connections and stability empower productivity for your business. The performance of the network must deliver an exceptional user experience. When entrepreneurs unify all network operations, it increases their ability to focus on business rather than on whether devices are connecting.

-  Stable Wired Connections from Edge to Core
-  AI Roaming for Uninterrupted Streaming
-  Always-On Wi-Fi Coverage
-  Advanced Functions for Robust Network Stability and Performance
-  Quick Troubleshooting for Minimized Interruption

3. Network Security Should Always be Assured

Cybersecurity is always the primary assurance when establishing an enterprise network. Company confidential information and privacy, business data, and employee information must be protected.

-  Protects the Company Network from Threats
-  VLAN to Divide Department Traffic
-  Secure Networking with Authentication
-  Two-Factor Authentication Enhances Account Security
-  Know What Is On the Network

4. Match Your Business with a Flexible Network

-  Work from Home with VPN Technology
-  Online Behavior Moderation
-  Flexible Criteria Management

TP-Link Omada Deserves Your Trust



No.1

Superb Pre-Sales Services

- ▶ Certification and Training
- ▶ Tailored Network Deployment Advisor
- ▶ Professional Site Surveys

Extended Product Warranties

- ▶ 5-Year Product Warranty*
- ▶ Dedicated Omada Support
- ▶ Official Omada Community
- ▶ Localization Support Teams

*Applicable to Omada products in the US region. Certain outdoor products have a 2-year warranty.

Vertical Integration and Stable Supply

TP-Link is one of the few major wireless networking companies that operate in-house manufacturing facilities to maintain the standard of every component, enabling better value than traditional OEM's. The control over components and our supply chain is a key competitive differentiator. Our combination of supporting facilities ensures complete quality control and high-level manufacturing.

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

World's No. 1 Wi-Fi Products Provider

- ▶ World's No.1 Wi-Fi Products Provider for 12 consecutive years**
- ▶ 25 years of creating exceptional high-quality products.
- ▶ Over 20 years of products testing have built our hard-earned reputation for reliability.

**Source: IDC Worldwide Quarterly WLAN Tracker, Q4 2022