

**Wireless Router
TP-LINK Omada
AX3000 Gigabit
VPN Router Data
speed 3000
Mbit/s Ethernet
WAN Yes WAN
connection type
SFP Ethernet
LAN Yes 4xLAN
ports USB port
Yes ER706W**



Model: ER706W

Manufacturer: TP-LINK

EAN: 4895252500691

Product Code: 194027

R3,290

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Flexible Wi-Fi Coverage through Business Wired Connectivity

Omada AX3000 Gigabit VPN Router

Ubiquitous Connectivity Starts with WiFi 6

ER706W is an enterprise-grade dual-band wireless router. It's ideal for remote administration that requires high performance due to the revolutionary combination of the latest WiFi 6 technologies, including HE160, OFDMA, 1024 QAM, and more. Simultaneously supporting 2402 Mbps on 5 GHz and 574 Mbps on 2.4 GHz, ER706W's concurrent transmission rate reaches up to 3 Gbps. Bufferless network experience is at your fingertips.

Up to Five WAN Ports & One USB 3.0 Port for Mobile Broadband

Up to 5x WAN SFP and RJ45 ports allow the router to support various internet access requirements. Multi-WAN Load Balancing distributes data streams according to the bandwidth proportion of every WAN port to raise the utilization rate of multi-line broadband. The USB 3.0 port delivers a higher transmission rate for mobile connectivity. Mobile broadband via a 4G/3G modem is also supported for WAN backup by connecting to the USB port.

Professional Hardware Empowers the Wireless Future

The triple external detachable antenna design grants ER706W excellent wireless coverage, reliable signal strength, and higher receiving sensitivity. It's easier for users to adjust the quantity and angle of antennas to fit various network environments.

ER706W adopts steel material for higher thermal conductivity and heat dissipation, ensuring operation reliability.

Self-Organizing Network with Omada Access Points

ER706W is able to seamlessly connect to Omada access points that support mesh technology, ideal for large-scale environments. Intelligent self-organization optimizes the best path between ER706W and Omada Access Points while self-healing ensures you stay online even when one AP is disrupted.

High-Security VPN

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Pass-through traffic and a variety of VPN protocols, such as IPSec/SSL/Wireguard/PPTP/L2TP VPN, are available on ER706W, giving consumers versatile options. One-click auto IPSec VPN simplifies VPN configuration and facilitates network management and deployment. The router also features a built-in hardware engine to boost VPN performance.

Abundant Security Features

Powerful Firewall

Advanced firewall policies protect your network and data.

Convenient VLAN Support

Create virtual network segments for enhanced security and simplified network management.

DoS Defense

Automatically detects and blocks Denial of Service (DoS) attacks such as TCP/UDP/ICMP Flooding, Ping of Death, and other related threats.

IP/MAC/URL Filtering

Forcefully prevent viruses and attacks from intruders.

IP-MAC Binding

Reserves static IP assignment for clients to defend against ARP attacks and spoofing.

One-Click ALG Activation

One-Click ALG Activation for applications such as FTP, H323, SIP, IPsec, and PPTP.

Omada SDN—The Smarter Cloud Solution for Business Networking

The path to the future of wireless begins with the Omada Software Defined Networking (SDN) solution. As the gateway that seamlessly integrates into the Omada SDN platform, ER706W allows for remote and centralized management, anywhere, anytime.

Easy Management with the Omada App

Users can configure ER706W in both the standalone and controller modes via the Omada app.

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Standalone management ensures max convenience. No need to set up additional controllers.

Follow the configuration instructions on the app to get set up in minutes. Multi-function configuration is ready to go, including network status monitoring and client management, all from the comfort of a smartphone or tablet.

- AX3000 Dual-Band WiFi: Supports 2402 Mbps on 5 GHz and 574 Mbps on 2.4 GHz
- 6 Gigabit Ethernet Ports: 1 gigabit SFP and 5 gigabit RJ45 ports provide high-speed wired connectivity
- Omada Mesh Technology: Seamlessly connects to EAPs that support mesh technology, ideal for large-scale scenarios
- Centralized Management: Cloud access and Omada app for ultra convenience and easy management
- Boosted Coverage: Triple external antennas extend and concentrate the Wi-Fi signals
- High-Security VPN: Supports multiple VPN protocols including IPsec / SSL / Wireguard / PPTP / L2TP VPN, helping users to establish remote connections more flexibly
- Abundant Security Features: Advanced firewall policies, DoS defense, IP/MAC/URL filtering, and more security functions protect your network and data

Summary: TP-Link Omada AX3000 Gigabit VPN Router. WAN connection type: SFP. Wi-Fi band: Dual-band (2.4 GHz / 5 GHz), WLAN data transfer rate (max): 3000 Mbit/s, WLAN data transfer rate (first band): 574 Mbit/s. Ethernet LAN interface type: Gigabit Ethernet, Ethernet LAN data rates: 10,100,1000 Mbit/s, Cabling technology: 10/100/1000Base-T(X). Security algorithms: WPA, WPA2, WPA3-Enterprise. Routing protocols: OSPF, RIP | Vendor Homepage: <https://www.tp-link.com/uk/business-networking/omada-router-wifi-router/er706w/> | Wi-Fi band: Dual-band (2.4 GHz / 5 GHz) | WLAN data transfer rate (first band): 574 | WLAN data transfer rate (max): 3000 | WLAN data transfer rate (second band): 2402 | 3G/4G USB modem compatibility: Yes | DSL WAN: No | Ethernet WAN: Yes | SIM card slot: No | WAN connection type: SFP | Cabling technology: 10/100/1000Base-T(X) | Dynamic DNS (DDNS): Yes | Ethernet LAN: Yes | Ethernet LAN data rates: 10/100/1000 | Ethernet LAN interface type: Gigabit Ethernet | Port forwarding: Yes | Port triggering: Yes | VPN tunnels quantity: 50 | DC-in jack: Yes | Ethernet LAN (RJ-45) ports: 4 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 1 | USB port: Yes | MIMO: Yes | MU-MIMO technology: Yes | Reset button: Yes | Web-based management: Yes | Access Control List (ACL): Yes | DMZ support: Yes | Filtering: Yes | Guest access: Yes | Network address translation (NAT): Yes | Schedule access: Yes |

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Security algorithms: WPA/WPA2/WPA3-Enterprise | System event log: Yes | URL filtering: Yes | DHCP server: Yes | Routing protocols: OSPF/RIP | Universal Plug and Play (UPnP): Yes | LED indicators: System,USB,WAN,WLAN | Product colour: Black | Product type: Desktop/pole router | Wall mountable: Yes | AC adapter included: Yes | Certification: CE, FCC, RoHS | Manual: Yes | Antenna design: External | Antenna gain level (max): 4.5 | Antennas quantity: 3 | Flash memory: 128 | Internal memory: 512 | Internal memory type: DDR4 | Output current: 2 | Output voltage: 12 | Power source type: DC | Operating relative humidity (H-H): 10 - 90 | Operating temperature (T-T): 0 - 40 | Storage relative humidity (H-H): 5 - 90 | Storage temperature (T-T): -40 - 70 | Depth: 131 | Height: 35 | Width: 226 | Model: ER706W | Model name: Omada AX3000 Gigabit VPN Router | Units per Shipping Box: 1 | Unit Calculated Volume: 0.005472 | Unit Calculated Weight: 1.5

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