TP-Link Omada Fusion 2.5G Gateway with Controller, 5 × 2.5 GbE, Touchscreen

FUSION-25G
EAN 1210002633277

The TP-Link Omada Fusion 2.5G combines a gateway and an Omada Controller in one device. Management is local, via the Omada Cloud or the Omada app, for one or more sites. The gateway detects new Omada devices via Bluetooth and adopts them in bulk. All five ports run at 2.5 Gbps; up to four of them can be used as WAN simultaneously, with load balancing and automatic failover. The 2.51-inch touchscreen enables basic diagnostics directly on the device. Omada LightLink VPN provides remote access in one click and routes only designated traffic through the tunnel. For internet access, the gateway supports static IP, dynamic IP, PPPoE, PPTP, L2TP, MAP-E and DS-Lite. Full mesh SD-WAN connects up to 20 sites and is configured via the Omada Cloud portal. The controller's feature set depends on the connected Omada devices. It is designed for desktop use; a magnetic wall-mount plate and a rack-mount kit are available separately.

Gateway and controller in one device for Omada networks, including across multiple sites – thanks to the built-in Omada Controller.

- Ports: 1 × 2.5 Gbps RJ45 WAN, 4 × 2.5 Gbps RJ45 LAN/WAN, up to 4 WAN ports simultaneously
- Operation: 2.51-inch colour touchscreen, reset button; setup via Bluetooth or Ethernet
- Throughput: NAT (static IP) 2,362 / 2,361 Mbps, IPS 2,183 / 2,152 Mbps, DPI 2,206 / 2,219 Mbps (upload/download); 150,000 concurrent sessions (manufacturer data, depending on traffic, enabled features and network environment)
- VPN throughput: IPsec 1,023 Mbps, L2TP 892 Mbps, WireGuard 605 Mbps, Omada LightLink 527 Mbps, SSL 250 Mbps, OpenVPN 223 Mbps, PPTP 193 Mbps (manufacturer data, depending on traffic, enabled features and network environment); max. 20 IPsec tunnels
- Management: built-in Omada Controller, local, via cloud or Omada app; recommended for up to 30 devices and 300 clients (manufacturer data, depending on network environment and deployment scenario)
- Networking: multi-WAN with failover and load balancing, static and policy routing, VLAN, QoS, bandwidth control; full mesh SD-WAN (configured via the Omada Cloud portal)
- Security: IDS/IPS, DPI, app-based ACL, content filtering (URL categories, ad blocker, allow and block lists), Safe Search, DNS security, firewall, attack defence, ARP inspection
- Hardware: quad-core ARM Cortex-A53 at 2.0 GHz, 2 GB DDR4, fanless, MTBF 613,523 h at 25 °C, 4 kV surge protection, ESD ±8 kV (air) / ±4 kV (contact)
- Power and environment: USB Type-C, 5 V DC / 3 A; operation −10 to 40 °C, 10–90 % humidity (non-condensing)
- Housing: polycarbonate, 160 × 130 × 31.5 mm; desktop, wall and rack mounting with separately available accessories

Package contents

- 1 × Omada Fusion 2.5G gateway
- 1 × power adapter, USB Type-C, 5 V DC / 3 A

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	5	2.55	0.00	0.00	0.00	0.00
Packaging Unit Inside	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.00	0.00	0.00	0.00	0.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	1.75

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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