ComX Computers
Product Specification Sheet

TP Fusion G+

TP-Link Omada Fusion G+ Business Gateway

Product Overview

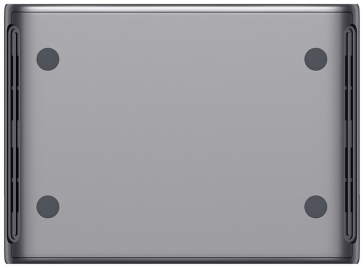
TP-Link Omada Fusion G+ Business Gateway; Integrated Omada Controller; Quad-Core CPU; 2GB DDR4; 1 x 2.5G WAN; 4 x Gigabit WAN/LAN; Up to 4 WAN Connections; Load Balancing; Automatic Failover; IDS/IPS; VPN; Full Mesh SD-WAN; 2.51-inch Touchscreen; Fanless Cooling; 130 x 95 x 30mm; 351g











Specifications

About this product

The TP-Link Omada Fusion G+ Gateway is an advanced business network gateway with an integrated Omada controller, 2.5G WAN connectivity, multi-WAN load balancing and automatic failover. Designed for small businesses, offices and multi-site networks, it combines centralised cloud management, advanced firewall security, IDS/IPS protection, VLAN segmentation and secure VPN connectivity in one compact device. Featuring a quad-core processor, 2.51-inch touchscreen and fanless cooling, it simplifies network installation, monitoring and administration. Buy the TP-Link Omada Fusion G+ Gateway online for professional network management and secure business connectivity in South Africa.

Overview Summary

TP-Link Omada Fusion G+ Business Network Gateway

The TP-Link Omada Fusion G+ is an integrated network gateway and Omada controller designed to simplify business network deployment and management. It features one 2.5 Gigabit WAN port and four Gigabit WAN/LAN ports, supporting up to four simultaneous WAN connections with load balancing and automatic failover. Its quad-core processor provides the processing capability required for gateway operations, network management and security functions.

Built-in Omada management provides centralised network monitoring and administration through cloud access, local management and the Omada mobile application. Bluetooth onboarding simplifies initial installation, while the 2.51-inch colour touchscreen provides convenient access to device information and troubleshooting tools. Advanced networking features include IDS/IPS, application-based access control, content filtering, ad blocking, Auto QoS, VLAN segmentation and Full Mesh SD-WAN.

With support for multiple VPN technologies, Omada LightLink VPN and multi-site connectivity, the Fusion G+ is suitable for businesses requiring secure remote access and centralised management across different locations. Its compact, fanless design supports quiet operation in professional environments.

Performance tier: Business-class / Advanced Small Business Networking

Uses: Business network management, small office networking, multi-site connectivity, internet gateway security, multi-WAN connectivity, VPN access, network traffic management, VLAN segmentation, secure remote working, retail networks

Description

The TP-Link Omada Fusion G+ Gateway is a business networking solution that combines a high-performance network gateway with an integrated Omada controller. It provides a central point for managing network connectivity, security and connected Omada devices without requiring a separate hardware controller.

Integrated Gateway and Network Controller

By combining gateway functionality and network management in one device, the Fusion G+ simplifies network infrastructure and administration. Administrators can monitor connected devices, view network topology, manage clients, review alerts and events, perform diagnostics and manage firmware updates through the Omada management platform.

Multi-Gigabit Connectivity and Multi-WAN Support

The gateway features one 2.5 Gigabit RJ45 WAN port and four Gigabit RJ45 WAN/LAN ports. The flexible port configuration supports up to four simultaneous WAN connections, allowing businesses to implement multi-WAN load balancing and automatic failover. This helps maintain internet connectivity when a primary connection becomes unavailable and provides flexibility when managing multiple internet services.

Advanced Network Security

Integrated security capabilities include intrusion detection and prevention, deep packet inspection, firewall protection,

application-based access control, DNS security, content filtering, ad blocking and safe search. These features provide administrators with additional tools to manage network access and help protect connected devices against unwanted network activity.

Secure VPN and Multi-Site Networking

The Fusion G+ supports Omada LightLink VPN, WireGuard, IPsec, OpenVPN, SSL VPN, L2TP and PPTP VPN technologies, with availability depending on whether the device is configured as a VPN server, client or site-to-site endpoint. Full Mesh SD-WAN supports connectivity between multiple business locations, helping organisations manage distributed networks through a unified platform.

Convenient Touchscreen and Simplified Installation

The integrated 2.51-inch colour touchscreen provides convenient access to device information and troubleshooting functions. Initial setup can be completed through Bluetooth or Ethernet using the Omada application. The application also supports automatic discovery and bulk adoption of compatible Omada networking devices, helping simplify network deployment.

Compact and Silent Operation

The compact polycarbonate enclosure measures 130 x 95 x 30 mm and features fanless cooling for silent operation. The gateway supports desktop installation, with optional accessories available for magnetic wall mounting and rack mounting. This makes it suitable for professional offices, retail locations, restaurants and other small business environments.

Features

The TP-Link Omada Fusion G+ combines business networking, centralised management and advanced security in one compact gateway.

- Integrated Omada Controller: Combines network gateway functionality and centralised Omada device management in one unit.
- License-Free Cloud Management: Provides cloud-based network administration without requiring individual device management licences.
- 2.5 Gigabit WAN Connectivity: Includes one 2.5G RJ45 WAN port for high-speed internet connectivity.
- Four Gigabit WAN/LAN Ports: Provides flexible wired connectivity for business devices and additional WAN connections.
- Multi-WAN Load Balancing: Supports up to four simultaneous WAN connections to distribute network traffic.
- Automatic WAN Failover: Helps maintain internet connectivity by switching to an available WAN connection when the primary connection fails.
- Quad-Core Processor: Provides processing capability for gateway operations and integrated network management.
- Advanced IDS/IPS Security: Provides intrusion detection and prevention functionality for network threat protection.
- Deep Packet Inspection: Provides visibility into network traffic to support network monitoring and management.
- Omada LightLink VPN: Supports convenient secure remote network access.
- Multiple VPN Protocols: Supports WireGuard, OpenVPN, IPsec, SSL VPN, L2TP and PPTP, with protocol availability depending on the VPN operating mode.
- Full Mesh SD-WAN: Supports direct connectivity between multiple business locations.
- VLAN Segmentation: Allows administrators to separate network traffic into logical network segments.
- Application-Based Access Control: Allows network access policies to be configured according to applications and categories.
- Auto QoS: Helps prioritise important network traffic through configurable quality of service settings.
- Content Filtering and Ad Blocking: Provides tools for restricting unwanted websites and advertisements.
- 2.51-Inch Colour Touchscreen: Provides convenient on-device information and troubleshooting access.
- Bluetooth Onboarding: Simplifies initial gateway setup through the Omada application.
- Bulk Device Adoption: Supports automatic discovery and adoption of compatible Omada networking devices.
- Fanless Cooling: Provides silent operation without an internal cooling fan.
- Flexible Installation: Supports desktop placement, with optional accessories for wall and rack mounting.

Fusion Gateway at the Center of the Omada Networking Ecosystem
Gateway and controller integrated into a single device, delivering a unified solution that combines networking and centralized management at the core of the Omada networking ecosystem-improving the installation and management experience.

Simplified Setup for Faster Deployment, Boosting Efficiency
Easily set up the Fusion G+ via Bluetooth using the Omada App. Automatically discover and batch adopt all other Omada networking devices at once, saving time and simplifying IT deployment.

High-Performance Quad-Core CPU
Provides fast processing for stable gateway and controller performance.

2.5G WAN for High-Speed Internet Access
Eliminates internet uplink bottlenecks while Gigabit LAN/WAN ports handle daily devices smoothly and efficiently.

IPS/IDS at 2.1 Gbps*
Delivers robust threat defense while maintaining high network performance.

Superior Thermal Design
Fanless cooling for silent operation and reliable performance.

Quick Troubleshooting via Touchscreen, Reducing On-Site Work
With an innovative 2.51" touchscreen, enjoy quick troubleshooting - all at your fingertips. Reduce on-site work and save time with direct, on-device monitoring.

Secure Remote Network Access, One Click Away
With Omada LightLink VPN, you can securely access your network from anywhere with one click. Powered by Smart Split Tunneling, only essential traffic goes through the VPN, reducing unnecessary VPN load and preserving a smooth user experience.

Simple Multi-Site Connectivity with Full-Mesh SD-WAN
Connect up to 20 sites with direct inter-site links-simpler to deploy, smoother for multi-site networking.

App-Based Access Control
Easily manage access by app and category. Control access intuitively with simple, clearly defined policies.

One-Click Auto QoS
Ensure critical traffic always gets priority, with one-click presets or full customization.

Content Filtering & Ad Blocking
Blocks unwanted sites and intrusive ads for a safer, cleaner experience.

Desktop
No Additional Installation Needed

Wall-Mountable
Magnetic-Mount Plate Needed

Rack-Mountable
Rack-Mount Kit Needed

What's in the Box

- TP-Link Omada Fusion G+ Gateway
- USB-C Power Adapter

Specifications

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Specifications	
Product Code	TP Fusion G+
Overview	
Built-In Omada OS Applications	Omada Network Application (Network Management)
Managed Omada Devices	30 (Recommended)§
Client Capacity	300 (Recommended)§
Interface	1x 2.5G RJ45 WAN Port
	4x Gigabit RJ45 LAN/WAN Ports
	Up to 4 Simultaneous WAN Ports
IPS Throughput	2,183 Mbps
Site-to-Site VPN Throughput	1,023 Mbps
Management	Cloud Access
	On-Premises Management
	Omada App
Mounting	Desktop
	Wall-Mount (Magnetic-Mount Plate Sold Separately)
	Rack-Mount (Rackmount Kit Sold Separately)
Dimensions	5.12 x 3.74 x 1.18 in (130 x 95 x 30 mm)
SECURITY	
IDS/IPS	Yes
DPI	Yes
Application-Based ACL	Yes
Content Filtering	Yes
Ad Blocker	Yes
Safe Search	Yes
DNS Security	Yes
Firewall	Yes
Attack Defense	Yes
ARP Inspection	Yes
VPN & SD-WAN	

Omada LightLink VPN	Yes
Site-to-Site VPN	WireGuard VPN / IPsec VPN
VPN Server	WireGuard VPN / OpenVPN / IPsec VPN / SSL VPN / L2TP VPN / PPTP VPN
VPN Client	WireGuard VPN / OpenVPN / L2TP VPN / PPTP VPN
SD-WAN	Full Mesh Mode
VPN Throughput	Omada LightLink VPN: 527 Mbps
	IPsec VPN: 1,023 Mbps
	WireGuard VPN: 605 Mbps
	OpenVPN: 223 Mbps
	L2TP VPN: 892 Mbps
	PPTP VPN: 193 Mbps
	SSL VPN: 250 Mbps
Networking	
WAN Connection	Static IP / Dynamic IP / PPPoE / PPTP / L2TP / MAP-E / DS-Lite
Multi-WAN Failover & Load Balancing	Yes
DHCP Server	Yes
VLAN Segmentation	Yes
Bandwidth Control	Yes
QoS	Yes
Static Routing	Yes
Policy Routing	Yes
NAT	Port Forwarding / Virtual Server / DMZ / ALG / UPnP / One-to-One NAT / Disable NAT
Dynamic DNS	TP-Link DDNS, 3rd-Party DDNS, Custom DDNS
IPv6	Static IP / SLAAC / DHCPv6 / PPPoE / 6to4 Tunnel / Pass-Through / Non-Address Mode
Bonjour / mDNS	Yes
IGMP v2/v3 Proxy	Yes
Network Management	
Dashboard-Overview/Wi-Fi/Clients/ Traffic	Yes
Dashboard-Network Topology	Yes
Health Monitoring	Yes
Device Management	Automatic Device Discovery
Switch Ports	Yes
Client Management	Yes
Reports	Yes
Logs	Alerts / Events / Audit Logs

Maintenance Tools	Ping Test / Packet Capture / Terminal / Cable Test / Interference Detection / Remote Access
IntelliRecover	Yes
SNMP	v1/v2c/v3
SSID	Yes
PPSK	Yes
WLAN Optimization	Yes
Portal	Yes
Bluetooth	Yes
HARDWARE	
Touchscreen	2.51-inch Color LCM Touchscreen
Button	Reset Button
Memory	2 GB DDR4
Power Supply	USB-C Power Adapter, 100-240 V AC, 50/60 Hz Input, 5 V DC / 3 A Output
Max Power Consumption	6.18 W, with Power Adapter
Enclosure	Polycarbonate
LED	Ethernet
Fan	Fanless
Net Weight	0.77 lb (351 g)
Surge Protection	4 kV Surge Protection
ESD Protection	+/-8 kV (Air), +/-4 kV (Contact)
Onboarding	Bluetooth or Ethernet
Certifications	CE, FCC, RoHS
Environment	Operating Temperature: 14 degreesF to 104 degreesF (-10 degreesC to 40 degreesC)
	Storage Temperature: -22 degreesF to 158 degreesF (-30 degreesC to 70 degreesC)
	Operating Humidity: 10% to 90% RH, Non-Condensing
	Storage Humidity: 5% to 90% RH, Non-Condensing

FAQ

What is the TP-Link Omada Fusion G+ Gateway used for?

The Fusion G+ is a business network gateway used to manage internet connectivity, network security, VPN connections and compatible Omada networking devices. It is suitable for small businesses, offices, retail environments and multi-site networks.

Does the TP-Link Fusion G+ have a built-in Omada controller?

Yes. The Fusion G+ includes an integrated Omada controller, allowing administrators to manage compatible Omada networking devices without purchasing a separate hardware controller.

How many Ethernet ports does the Fusion G+ have?

The Fusion G+ has five RJ45 Ethernet ports: one 2.5 Gigabit WAN port and four Gigabit WAN/LAN ports. Up to four simultaneous WAN connections are supported.

Does the TP-Link Fusion G+ support multiple internet connections?

Yes. It supports up to four simultaneous WAN connections with load balancing and automatic failover. This allows businesses to distribute internet traffic and maintain connectivity when a WAN connection becomes unavailable.

Does the Omada Fusion G+ support VPN?

Yes. It supports Omada LightLink VPN, WireGuard, OpenVPN, IPsec, SSL VPN, L2TP and PPTP VPN technologies. Supported functions depend on the selected VPN operating mode.

Can the Fusion G+ connect multiple business locations?

Yes. Its Full Mesh SD-WAN functionality supports connectivity between up to 20 sites, making it suitable for businesses operating multiple offices, retail stores or other locations.

Does the TP-Link Fusion G+ support VLANs?

Yes. VLAN segmentation is supported, allowing network administrators to separate network devices and traffic into logical groups for improved network organisation and access management.

Can the Fusion G+ manage Wi-Fi access points?

Yes. The integrated Omada controller supports the management and monitoring of compatible Omada networking devices, including supported Omada access points and switches.

Does the Fusion G+ provide network security?

Yes. Security features include IDS/IPS, firewall protection, Deep Packet Inspection, DNS security, application-based access control, content filtering, ad blocking and Safe Search.

Does the TP-Link Fusion G+ have a touchscreen?

Yes. It features a 2.51-inch colour LCM touchscreen for convenient on-device information and troubleshooting.

Does the TP-Link Fusion G+ have Wi-Fi?

No. The Fusion G+ is a wired network gateway and does not include built-in Wi-Fi. Compatible Omada wireless access points can be connected and managed through its integrated controller.

Can the Fusion G+ be managed remotely?

Yes. It supports cloud-based management, local management and the Omada mobile application, allowing administrators to monitor and manage their networks remotely.

Is the TP-Link Fusion G+ suitable for a small office?

Yes. Its integrated controller, multi-WAN connectivity, VPN support and network security functions make it suitable for small offices requiring centralised network administration and secure connectivity.

Does the Fusion G+ require a separate cooling fan?

No. The gateway uses fanless cooling, allowing it to operate silently without an internal cooling fan.

Can the Fusion G+ be mounted in a network rack?

Yes. It supports desktop installation and optional rack mounting. The rack-mount kit is sold separately. An optional magnetic mounting plate is also available for wall installation.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/TP-Fusion-G-TP-Link-Omada-Fusion-G-Business-Gateway-p-342108.php

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