ComX Computers
Product Specification Sheet

TP ES208G

TP-LINK ES208G Omada 8-Port Gigabit Easy Managed L2 Switch

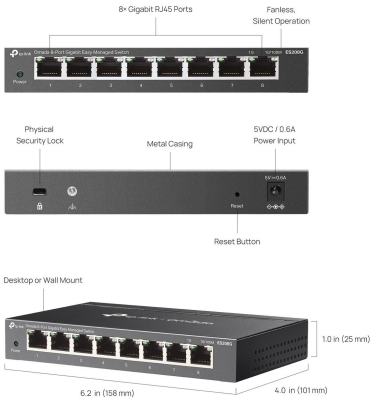
Product Overview

TP-Link ES208G Omada 8 Port Gigabit Easy Managed L2 Switch, 8x Gigabit RJ45 Ports, Fanless, 16 Gbps switching capacity, Durable Metal casing, Fanless Design for Silent Operation in offices or Media Rooms











Specifications

Overview Summary:

Enhance your local network performance with the TP-Link ES208G, a reliable Easy Managed L2 switch tailored for small offices and smart homes in South Africa. This robust device features eight Gigabit RJ45 ports and a fanless design that ensures silent operation, making it perfect for quiet environments like media rooms or home offices.

Experience seamless connectivity with advanced management tools including VLAN support, QoS, and centralized cloud control via the Omada app. Its durable metal casing supports both desktop and wall mounting, offering flexible installation options to suit any space. Secure your network infrastructure today by buying this high-capacity switch now for stable data transmission.

Performance tier: Entry-Level Managed Switch

Uses: Office networking, home networks, surveillance systems, expanding wired connections, multimedia streaming

Overview:

TP-Link ES208G Omada 8-Port Gigabit Switch Overview:

The TP-Link ES208G is a reliable and easy-to-manage networking solution designed for small offices, home setups, and surveillance networks. With 8 Gigabit RJ45 ports and silent fanless operation this switch delivers fast stable connections while maintaining a sleek durable design. This model serves as an ideal choice for expanding wired networks or optimizing performance for security devices without the noise of traditional cooling fans.

Description:

This 8-port switch supports plug-and-play installation centralized cloud management and advanced networking controls such as VLAN port isolation QoS and IGMP snooping. Its metal casing ensures durability and its desktop or wall-mountable design makes it versatile for any environment. Ideal for both expanding wired networks and optimizing performance for surveillance devices the ES208G combines robust hardware with intuitive software tools.

Features:

High-Speed Performance and Connectivity
The ES208G offers eight 10/100/1000 Mbps RJ45 ports enabling high-speed wired connections for computers IP cameras and other network devices. With a switching capacity of 16 Gbps it efficiently handles multiple data streams without slowing down your network ensuring smooth video streaming and rapid file transfers.

Silent Operation and Durable Build
The fanless design provides quiet operation making it perfect for offices home networks and media rooms. The robust metal casing protects the device while supporting both desktop and wall mounting for flexible installation options that fit seamlessly into any environment without disruption.

Advanced Network Controls for Reliability
Ensure smooth network operation with built-in VLAN support port isolation cable diagnostics QoS automatic loop prevention and IGMP snooping. These tools optimize network performance for surveillance systems multimedia streaming and office networking allowing you to prioritize critical traffic and maintain security.

Easy Setup and Centralized Management

Setup is simple with plug-and-play functionality. Advanced management can be done through the Omada app or web portal allowing users to monitor network performance configure VLANs and control traffic from anywhere. The system supports Zero-Touch Provisioning when used with an Omada Controller for streamlined deployment.

The part number for this device is TP ES208G, ensuring you get the exact model designed for your specific networking needs. Whether adding devices to your existing network or creating a reliable surveillance network this switch provides stable performance and easy management.

Key Technical Specifications:

- Ports: 8 x 10/100/1000 Mbps RJ45 Auto-Negotiation/Auto MDI/MDIX
- Switching Capacity: 16 Gbps with 11.9 Mpps packet forwarding rate
- MAC Address Table: Supports up to 8K addresses
- Jumbo Frame Support: Up to 15 KB for large data packets
- Power Supply: DC Power Adapter (Output: 5VDC / 0.6A)
- Surge Protection: +/-6kV protection against power spikes
- Certifications: FCC CE RoHS compliant

Management and Software Features:

- Omada App Support with Cloud Hardware or Software Controller integration
- VLAN Capabilities including Port-Based 802.1Q Tag VLAN (Max 32 groups)
- Quality of Service (QoS) with 8 Priority Queues and bandwidth control
- Loop Prevention and Automatic Device Discovery for stability
- Cable Diagnostics tool to identify wiring issues quickly
- Bulk Configuration and Firmware Upgrading for multiple devices

Physical Dimensions and Environment

- Dimensions: 6.2 x 4.0 x 1.0 inches (158 x 101 x 25 mm)
- Installation Type: Desktop or Wall Mount compatible
- Operating Temperature: -5degrees C to 45degrees C (23degrees F to 113degreesF)
- Humidity Range: 10% to 90% non-condensing during operation

What's in the box

- TP-Link ES208G Switch
- DC Power Adapter
- Rubber Feet for stability
- Installation Guide and quick start documentation

Specifications:

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Specifications	
Product Code	TP ES208G
HARDWARE FEATURES	
Interface	8 x 10/100/1000 Mbps RJ45 Ports
	Auto-Negotiation/Auto MDI/MDIX

Fan Quantity	Fanless
Installation	Desktop
	Wall Mount
Physical Security Lock	?
Power Supply	DC Power Adapter (Output: 5VDC / 0.6A)
Dimensions (W x D x H)	6.2 x 4.0 x 1.0 in (158 x 101 x 25 mm)
Surge Protection	+/-6kV
PERFORMANCE	
Switching Capacity	16 Gbps
Packet Forwarding Rate	11.9 Mpps
MAC Address Table	8K
Packet Buffer Memory	4 Mbit
Jumbo Frame	15 KB
SOFTWARE FEATURES	
Quality of Service	Port-based/802.1p/DSCP QoS
	8 Priority Queues
	Priority Schedule Mode
	- WRR (Weighted Round Robin)
	Queue Weight Config
	Bandwidth Control
	- Port-Based Rating Limit
	Storm Control
	- Multiple Control Modes (kbps/pps)
	- Broadcast/Multicast/Unknown-Unicast Control?
L2 Features	Static Link Aggregation
	Loop Prevention / Loopback Detection
	Flow Control
	- 802.3x Flow Control
	Mirroring
	- Port Mirroring
	- One-to-One
	- Many-to-One
	- Ingress/Egress/Both
	Port Statistics
	- Port Mirror Status
	- Traffic Statistics
	802.1ab LLDP

L2 Multicast	IGMP Snooping
	- IGMP v1/v2/v3 Snooping
	- Fast Leave
VLAN	MTU VLAN
	Port-Based VLAN
	802.1Q Tag VLAN
	- Max 32 VLAN Groups
	- 4K VID
Transmission Method	Store-And-Forward
Management Features	
Omada App	Yes. Requires the use of Omada Hardware Controller, Omada Cloud-Based Controller, or Omada Software Controller.
Centralized Management	Omada Cloud-Based Controller
	Omada Hardware Controller
	Omada Software Controller
Cloud Access	Yes. Requires the use of Omada Hardware Controller, Omada Cloud-Based Controller, or Omada Software Controller.
Zero-Touch Provisioning	Yes. Requires the use of Omada Cloud-Based Controller
Management Features	Web-based GUI
	DHCP Client
	Cable Diagnostics
	Automatic Device Discovery
	Batch Configuration
	Batch Firmware Upgrading
	Unified Configuration
OTHERS	
Certification	FCC, CE, RoHS
Package Content	ES208G
	Power Adapter
	Rubber Feet
	Installation Guide
Environment	Operating Temperature: -5degreesC~45degreesC (23degreesF~113degreesF)
	Storage Temperature: -40degreesC~70degreesC (-40degreesF~158degreesF)
	Operating Humidity: 10%~90% non-condensing
	Storage Humidity: 5%~90% non-condensing

FAQ

Can I mount this switch on a wall?

The TP-Link ES208G Omada 8 Port Gigabit Easy Managed L2 Switch supports both desktop and wall mounting for flexible installation in various environments.

Is the fanless design suitable for quiet spaces like home offices or media rooms?
Yes, this switch features a silent operation with no fans, making it ideal for noise-sensitive areas while its durable metal casing ensures longevity.

How do I manage and configure this switch if I want advanced controls?
You can use the Omada app or web portal for centralized management to monitor performance and configure features like VLANs and QoS, but you must also have an Omada Hardware Controller, Software Controller, or Cloud-Based Controller installed.

What kind of network devices can I connect with the 8 Gigabit ports?
The eight RJ45 ports support high-speed connections for computers, IP cameras, and other network devices, handling multiple data streams efficiently without slowing down your wired network.

Does the package include a power adapter and mounting hardware?
Yes, the box includes the ES208G switch, a DC Power Adapter (5VDC / 0.6A), rubber feet for desktop use, and an installation guide, though wall-mounting screws are not listed in the package contents.

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-ES208G-TP-LINK-ES208G-Omada-8-Port-Gigabit-Easy-Managed-L2-Switch-p-342265.php

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