**ComX Computers**
Product Specification Sheet

# NET-TL-ES206GP

TP-Link ES206GP Omada 6 Port Gigabit Easy Managed Switch with 4 port PoE+

## Product Overview

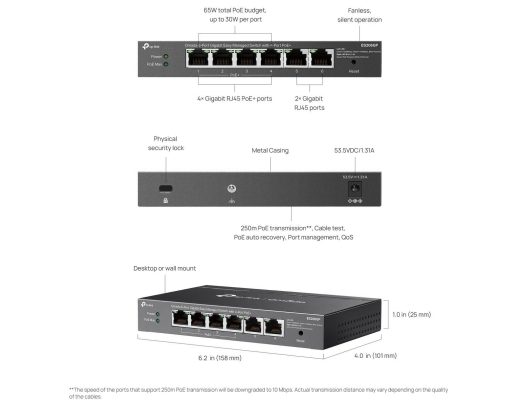
TP-Link ES206GP Omada 6 Port Gigabit Easy Managed Switch with 4 port PoE+, 6x Gigabit RJ45 Ports (Ports 1-4 support 802.3af PoE and 802.3at PoE+), Fanless, 65W PoE budget, 30W Max per Port, Up to 250m PoE transmission distance, 12 Gbps switching capacity












## Specifications

### Overview Summary:

The TP-Link ES206GP Omada 6-Port Gigabit Easy Managed Switch is perfect for South African businesses or home offices seeking reliable network performance. Featuring 6 RJ45 Gigabit ports with 4 supporting PoE+ (802.3af/at), it delivers up to 30W per port and a total 65W PoE budget, ideal for powering IP cameras, access points, or other PoE devices. Its fanless design ensures silent operation, while centralized cloud management via the Omada app or web interface makes setup and monitoring simple and efficient. Shop now to enhance your network infrastructure with ease.

Enjoy smooth network operation with up to 250m PoE transmission, traffic prioritization, and secure port isolation, making it excellent for surveillance networks, small offices, or mixed wired and wireless setups. Buy now to experience reliable connectivity and easy network management.

**Performance tier:**Mid-range professional

**Uses:**Surveillance networking, office networking, PoE device management, Wi-Fi coverage, wired connections, small business networks

### Overview:

**TP-Link ES206GP Omada 6-Port Gigabit Easy Managed Switch with 4-Port PoE+**
The TP-Link ES206GP is a versatile and easy-to-manage network switch designed for small businesses, home offices, and surveillance setups. It combines 6 Gigabit RJ45 ports with 4 PoE+ ports, delivering up to 30W per port and a total of 65W PoE budget. Its fanless design ensures quiet operation, while centralized cloud management simplifies monitoring and configuration across multiple devices. With support for long-distance PoE transmission, VLAN, and traffic prioritization, the ES206GP provides reliable, high-performance networking for both wired and wireless devices.

### Description:

The ES206GP offers six 10/100/1000Mbps ports, including four that support 802.3af/at PoE+, making it ideal for powering IP cameras, access points, and other network devices without extra adapters. It supports up to 250 meters of PoE transmission, automatic loop prevention, port isolation, and QoS for optimized video and data traffic. The switch's durable metal casing allows for desktop or wall mounting, and its silent fanless design keeps your workspace quiet. Centralized cloud management via the Omada app or web interface provides easy setup, monitoring, and maintenance, even across multiple locations.

### Features:

**Seamless Cloud Management**
Omada Cloud Essentials allows for centralized management of your network without additional hardware. You can monitor and configure your access points, switches, and gateways from anywhere using the Omada app or web interface. Setup is simple with zero-touch provisioning, and the system scales to manage unlimited devices across multiple sites. A subscription upgrade provides access to the full Omada Cloud Standard when needed.

**Reliable Networking for Surveillance**
This switch is optimized for surveillance systems, ensuring high-quality video transmission and secure network traffic separation. PoE auto-recovery and port isolation improve network reliability, while QoS prioritizes critical video data. With a transmission distance of up to 250 meters, devices can be powered and connected efficiently without signal loss.

**Flexible Use for Multiple Devices**
The ES206GP supports a variety of applications, from IP cameras and access points to PCs and printers. Four PoE+ ports

power compatible devices, while two additional RJ45 ports provide standard gigabit connections for non-PoE devices.

**Quiet, Durable, and Easy to Install**
The switch's fanless design ensures silent operation, and its sturdy metal casing provides durability. It can be mounted on a desk or wall, offering flexibility for any workspace. The plug-and-play setup allows instant connectivity, with easy configuration available for advanced network management.

**Technical Details**

- 6 Gigabit RJ45 ports (4 PoE+, 2 standard)
- PoE budget: 65W, up to 30W per port
- PoE transmission distance up to 250m
- Fanless for silent operation
- VLAN, IGMP Snooping, and port isolation support
- Centralized management via Omada app or web interface
- Desktop or wall-mountable durable metal casing

## Specifications:

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| Specifications | |
|---|---|
| **Product Code** | NET-TL-ES206GP |
| **HARDWARE FEATURES** | |
| **Interface** | 6 x 10/100/1000 Mbps RJ45 Ports (Ports 1-4 Support 802.3af PoE and 802.3at PoE+) |
| | Auto-Negotiation/Auto MDI/MDIX |
| **Fan Quantity** | Fanless |
| **Installation** | Desktop |
| | Wall Mount |
| **Physical Security Lock** | ? |
| **Power Supply** | DC Power Adapter (Output: 53.5VDC / 1.31A) |
| **PoE Ports (RJ45)** | Standard: 802.3af PoE and 802.3at PoE+ compliant |
| | PoE Ports: 4 ports |
| | PoE Budget: 65W available for all PoE+ ports, 30W max per port |
| | Fast PoE & Perpetual PoE |
| | PoE Auto Recovery |
| | Up to 250m PoE transmission distance |
| **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** | 12 Gbps |

| | |
|---|---|
| **Packet Forwarding Rate** | 7.4 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** | ES206GP |
| | Power Adapter |
| | Power Cord |
| | Rubber Feet |
| | Installation Guide |
| **Environment** | Operating Temperature: -5degreesC~40degreesC (23degreesF~104degreesF) |
| | Storage Temperature: -40degreesC~70degreesC (-40degreesF~158degreesF) |
| | Operating Humidity: 10%~90% non-condensing |
| | Storage Humidity: 5%~90% non-condensing |

## 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/NET-TL-ES206GP-TP-Link-ES206GP-Omada-6-Port-Gigabit-Easy-Managed-Switch-with-4-port-p-333921.php**

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