

# TP-Link JetStream 16-Port Gigabit Smart Switch with 8-Port PoE+

Gamintojas: **TP-LINK** · Modelis: **TL-SG2016P** · EAN: **4897098689349** · Prekės kodas: **716237**



## 225,89 €

Kaina su PVM

Be PVM: **186,69 €**

**Sandėlyje**



**Prekė internetu**

Nuskenaukite kodą arba apsilankykite [www.shopro.lt](http://www.shopro.lt)

## Pagrindinės savybės

- ✓ 120 W PoE Budget: 8× 802.3at/af-compliant PoE+ ports with a total power supply of 120 W\*
- ✓ Full Gigabit Ports: 8× gigabit PoE+ ports and 8× gigabit non-PoE ports provide high-speed connections
- ✓ Integrated into Omada SDN: Zero-Touch Provisioning\*\*, Centralized Cloud Management, and Intelligent Monitoring
- ✓ Centralized Management: Cloud access and Omada app for ultra convenience and easy management
- ✓ Robust Security Strategies: IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm control, DHCP Snooping, 802.1X, Radius Authentication, and more
- ✓ Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping

## Aprašymas

### Smarter Switching for Smarter Results

JetStream 16-Port Gigabit Smart Switch with 8-Port PoE+

### Multiple Application Scenarios

The TL-SG2016P is fully compatible with PoE devices, such as IP cameras, access points, and IP phones. It also works with non-PoE wired devices to provide gigabit connections, such as PCs, printers, and IPTV.

### Power over Ethernet for Simplified Network Deployment

Features eight 802.3af/at compliant PoE+ ports, the switch supports up to 120 W total PoE power budget.\* Designed to use a single Ethernet cable for both data and power transmission, it offers flexible deployment for PoE-supported devices such as wireless access points, IP cameras, and IP phones, lowering infrastructure costs for small businesses.

### Value-Added Features Bring Unexpected Experience

#### Access Control List (ACL)

ACL serves as a virtual admin, allowing all connected devices to obtain data in accordance with user-defined network rules and help you create the

network regulations you need.

#### QoS for Lag-Free Experience

Designate the priority of traffic based on QoS, ensuring latency sensitive applications like voice and video, remain clear and lag-free.

#### VLAN for Security

Use VLAN to achieve logical grouping management of devices in different physical LANs, improve information security, and reduce data congestion.

#### Omada SDN—Smarter Cloud Solution for Business Networking

Omada Software Defined Networking (SDN) platform integrates network devices including access points, switches and gateways, guaranteeing powerful business network with higher efficiency, higher security, and higher reliability.

Hassle-Free Centralized Cloud Management:

100% centralized cloud management of whole network from different sites—all controlled from a single interface anywhere, anytime.

#### Easy Management with the Omada App

Follow configuration instructions on the free Omada app to get set up in minutes. Omada lets you configure settings, monitor the network status and manage clients, all from the convenience of a smart phone or tablet.

### Techninė specifikacija

| Specifications                                |                                                                                                                                                                 |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sandėlio grupė                                | Networking [+782][[-3085]                                                                                                                                       |
| Management features                           |                                                                                                                                                                 |
| Switch layer                                  | L2/L3/L4                                                                                                                                                        |
| Quality of Service (QoS) support              | Yes                                                                                                                                                             |
| Web-based management                          | Yes                                                                                                                                                             |
| Cloud-managed                                 | Yes                                                                                                                                                             |
| ARP inspection                                | Yes                                                                                                                                                             |
| Configuring Location Settings (CLI)           | Yes                                                                                                                                                             |
| System event log                              | Yes                                                                                                                                                             |
| MIB support                                   | RFC1213, RFC1493, RFC2674, RFC2620, RFC2618, RFC2925, RFC1757                                                                                                   |
| Ports & interfaces                            |                                                                                                                                                                 |
| Basic switching RJ-45 Ethernet ports quantity | 16                                                                                                                                                              |
| Basic switching RJ-45 Ethernet ports type     | Gigabit Ethernet (10/100/1000)                                                                                                                                  |
| Installed SFP modules quantity                | 0                                                                                                                                                               |
| Installed SFP+ modules quantity               | 0                                                                                                                                                               |
| Power connector                               | DC-in jack                                                                                                                                                      |
| Network                                       |                                                                                                                                                                 |
| Networking standards                          | IEEE 802.11w, IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3i, IEEE 802.3x |

|                                    |                                                                 |
|------------------------------------|-----------------------------------------------------------------|
| 10G support                        | No                                                              |
| Copper ethernet cabling technology | 10BASE-T, 100BASE-TX, 1000BASE-T                                |
| Cable types supported              | Cat3, Cat4, Cat5, Cat5e                                         |
| Port mirroring                     | Yes                                                             |
| Flow control support               | Yes                                                             |
| Link aggregation                   | Yes                                                             |
| Broadcast storm control            | Yes                                                             |
| Rate limiting                      | Yes                                                             |
| Auto MDI/MDI-X                     | Yes                                                             |
| Spanning tree protocol             | Yes                                                             |
| Ethernet LAN data rates            | 10,100,1000 Mbit/s                                              |
| Auto-negotiation                   | Yes                                                             |
| VLAN support                       | Yes                                                             |
| Virtual LAN features               | Multicast VLAN, Tagged VLAN, Voice VLAN                         |
| Number of VLANs                    | 4000                                                            |
| Data transmission                  |                                                                 |
| MAC address table                  | 8000 entries                                                    |
| Switching capacity                 | 16 Gbit/s                                                       |
| Number of queues                   | 8                                                               |
| Jumbo frames support               | Yes                                                             |
| Jumbo frames                       | 9000                                                            |
| Packet buffer memory               | 4.1 MB                                                          |
| Security                           |                                                                 |
| DHCP features                      | DHCP relay, DHCP snooping, DHCPv6 client, DHCPv6 snooping       |
| Access Control List (ACL)          | Yes                                                             |
| IGMP snooping                      | Yes                                                             |
| Security algorithms                | EAP-MD5, HTTPS, SNMP, SNMPv2, SNMPv3, SSH, SSL/TLS              |
| MAC address filtering              | Yes                                                             |
| SSH/SSL support                    | Yes                                                             |
| BPDU filtering/protection          | Yes                                                             |
| IP-MAC-Port binding                | Yes                                                             |
| Authentication                     | Guest VLAN, MAC-based authentication, Port-based authentication |
| Queue scheduling algorithms        | SP, Weighted Round Robin (WRR)                                  |
| MAC address entries                | Dynamic MAC address entries, Static MAC address entries         |
| Multicast features                 |                                                                 |

|                                                |                                                                                              |
|------------------------------------------------|----------------------------------------------------------------------------------------------|
| Multicast support                              | Yes                                                                                          |
| Multicast Listener Discovery (MLD) snooping    | MLD v1, MLD v2                                                                               |
| <b>Protocols</b>                               |                                                                                              |
| Supported network protocols                    | ICMP, TCPv6, UDPv6, Ping6, Tracert6, Telnet (v6), TFTP, TCP/UDP, DSCP/IP, SSLv3, TLS 1.2     |
| GARP VLAN Registration Protocol (GVRP)         | Yes                                                                                          |
| IPv4 & IPv6 features                           | Dual stack IPv4/IPv6                                                                         |
| <b>Design</b>                                  |                                                                                              |
| Product colour                                 | Black                                                                                        |
| Housing material                               | Metal                                                                                        |
| LED indicators                                 | PoE, Power, System                                                                           |
| <b>Performance</b>                             |                                                                                              |
| Firmware upgradeable                           | Yes                                                                                          |
| Fanless                                        | Yes                                                                                          |
| Minimum system requirements                    | Microsoft Windows 98SE, NT, 2000, XP, Vista, Windows 7/8/10/11, MAC OS, NetWare, UNIX, Linux |
| <b>Power</b>                                   |                                                                                              |
| Power source                                   | DC/PoE                                                                                       |
| DC input voltage                               | 53.5 V                                                                                       |
| Input current                                  | 1.31 A                                                                                       |
| Power consumption (max)                        | 146.5 W                                                                                      |
| <b>Power over Ethernet (PoE)</b>               |                                                                                              |
| Power over Ethernet (PoE)                      | Yes                                                                                          |
| Power over Ethernet plus (PoE+) ports quantity | 8                                                                                            |
| Total Power over Ethernet (PoE) budget         | 120 W                                                                                        |
| <b>Operational conditions</b>                  |                                                                                              |
| Operating temperature (T-T)                    | 0 - 40 °C                                                                                    |
| Storage temperature (T-T)                      | -40 - 70 °C                                                                                  |
| Operating relative humidity (H-H)              | 10 - 90%                                                                                     |
| Storage relative humidity (H-H)                | 5 - 90%                                                                                      |
| Heat dissipation                               | 499.98 BTU/h                                                                                 |
| <b>Weight &amp; dimensions</b>                 |                                                                                              |
| Width                                          | 286 mm                                                                                       |
| Depth                                          | 111.7 mm                                                                                     |
| Height                                         | 25.4 mm                                                                                      |

**Packaging content**

|        |     |
|--------|-----|
| Manual | Yes |
|--------|-----|

**Packaging data**

|                |         |
|----------------|---------|
| Package width  | 227 mm  |
| Package depth  | 434 mm  |
| Package height | 70 mm   |
| Package weight | 1.94 kg |

**Certificates**

|               |               |
|---------------|---------------|
| Certification | CE, FCC, RoHS |
|---------------|---------------|

**Matmenys ir svoris**

|                      |                            |
|----------------------|----------------------------|
| Matmenys (I × P × A) | 23,00cm × 43,00cm × 7,00cm |
| Svoris               | 2,10kg                     |