

TP-Link JetStream 16-Port 10GE SFP+ L2+ Managed Switch

Gamintojas: **TP-LINK** · Modelis: **TL-SX3016F** · EAN: **6935364006440** · Prekės kodas: **715881**



619,90 €

Kaina su PVM

Be PVM: **512,31 €**

Sandėlyje



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ **16× Full 10GE SFP+ Slots:** Lightning-fast full 10 Gbps SFP+ slots provide high-bandwidth aggregation connectivity and non-blocking 320 Gbps switching capacity
- ✓ **Abundant L2 and L2+ Features:** Supports a complete lineup of L2 and L2+ features including Static Routing, enterprise-level QoS, IGMP Snooping, and more
- ✓ **Robust Security Strategies:** Helps protect LAN area investment with integrated IP-MAC-Port Binding, ACL, Port Security, 802.1X Authentication, and more
- ✓ **Dual Redundant Power Supplies:** Two power supplies backing each other up make it an ideal choice for reliable networking architecture
- ✓ **Centralized Cloud Management:** Integrates into Omada SDN for cloud access and remote management
- ✓ **Standalone Management:** Web, CLI (Console Port, Telnet, SSH), SNMP, RMON, and Dual Image bring powerful management capabilities



Aprašymas

Full Fiber Switch with Lightning-Fast 10G

Build and expand your lightning-fast network with TP-Link TL-SX3016F—a fully managed switch with full 16-port 10G fiber ports and 320 Gbps switching capacity. Ideal for small, medium, and large business networks, it meets and surpasses the needs for high-speed, reliable, and safe enterprise networks.

Seamless Integration to Omada Cloud SDN

Omada's Software Defined Networking (SDN) platform integrates network devices, including access points, switches, and routers, providing 100% centralized cloud management. Omada creates a highly scalable network—all controlled from a single interface. Seamless wireless and wired connections are provided, ideal for use in hospitality, education, retail, offices, and more.

Dual Redundant Power Supplies

Two power supplies backing each other up make it an ideal choice for reliable networking architecture.

Advanced L3 Features

An abundance of L2+ and L3 features are supported to help build a highly scalable and robust network, providing a reliable and efficient solution for enterprises, campuses and ISPs.

Secure Networking

Our high-quality security features defend against a range of network threats. They include IP-MAC-Port-VID Binding, Port Security, Storm Control, and DHCP Snooping. An integrated list of common DoS attacks is available, making it easier than ever to prevent them. The Access Control Lists (ACL, L2 to L4) restrict access to sensitive network resources by denying packets based on source and destination MAC address, IP address, TCP/UDP ports, or VLAN ID. User access to the network can be controlled through 802.1X authentication to grant access according to the valid user credentials.

Enterprise Level Features

A complete lineup of L2+ features is supported. 802.1Q VLAN, Port Mirroring, STP/RSTP/MSTP, Link Aggregation Control Protocol, and 802.3x Flow Control are among the innovative features. Advanced IGMP Snooping ensures the switch intelligently forwards multicast streams to appropriate subscribers and reducing unnecessary traffic, while IGMP throttling & filtering restrict subscribers at the port level to prevent unauthorized multicast access. Static Routing segments the network to route traffic efficiently.

Advanced Quality of Service (QoS)

Voice and video traffic can be prioritized based on IP address, MAC address, TCP port number, UDP port number, and more. With QoS, voice and video services remain smooth, even in situations of low bandwidth.

ISP Features

Internet Service Providers (ISPs) get the support they need with features including sFlow, QinQ, L2PT, PPPoE ID Insertion, and IGMP authentication. 802.3ah OAM and Device Link Detection Protocol (DLDP) provide straightforward monitoring and troubleshooting of Ethernet links across the entire network.

IPv6 Support

An enormous variety of IPv6 functions guarantees your network will be ready for the Next Generation Network (NGN) without the need to upgrade your hardware. Take advantage of features such as Dual IPv4/IPv6 Stack, MLD Snooping, IPv6 ACL, DHCPv6 Snooping, IPv6 Interface, Path Maximum Transmission Unit (PMTU) Discovery, and IPv6 Neighbor Discover to enhance your network environment.

Techninė specifikacija

Specifications	
Sandėlio grupė	Networking [+782][-3085]
Management features	
Switch type	Managed
Switch layer	L2+/L3
Quality of Service (QoS) support	Yes
Web-based management	Yes
Cloud-managed	Yes

Traffic classification	Yes
ARP inspection	Yes
Configuring Location Settings (CLI)	Yes
System event log	Yes
MIB support	RFC2925, RFC2618, RFC2620, RFC2021, RFC2819, RFC2674, RFC1493, RFC1643, RFC2233, RFC1213
Ports & interfaces	
Basic switching RJ-45 Ethernet ports quantity	0
Basic switching RJ-45 Ethernet ports type	No
Installed SFP modules quantity	0
Installed SFP+ modules quantity	0
SFP+ module slots quantity	16
Console port	RJ-45/Micro-USB
Power connector	DC-in jack
Network	
Networking standards	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad, IEEE 802.3x
10G support	Yes
Port mirroring	Yes
IP routing	Yes
Flow control support	Yes
Link aggregation	Yes
Broadcast storm control	Yes
Rate limiting	Yes
Spanning tree protocol	Yes
Head-of-line (HOL) blocking	Yes
VLAN support	Yes
Virtual LAN features	Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN
Number of VLANs	4000
Data transmission	
MAC address table	32000 entries
Switching capacity	320 Gbit/s
Forwarding rate	238.08 Mpps
Number of queues	8
Static route	Yes

Jumbo frames support	Yes
Jumbo frames	9000
Packet buffer memory	24 MB
Security	
DHCP features	DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping
Access Control List (ACL)	Yes
IGMP snooping	Yes
Security algorithms	HTTPS, SSH, SSH-2, SSL/TLS
MAC address filtering	Yes
Static port security	Yes
SSH/SSL support	Yes
Loop protection	Yes
BPDU filtering/protection	Yes
IP-MAC-Port binding	Yes
Authentication	Guest VLAN, MAC-based authentication, Port-based authentication, Web-based authentication
Authentication type	AAA, TACACS+
Queue scheduling algorithms	SP, WRR+SP, Weighted Round Robin (WRR)
Multicast features	
Multicast support	Yes
Multicast Listener Discovery (MLD) snooping	Y
Protocols	
Management protocols	SNMPv1/v2c/v3, SNMP
IPv4 & IPv6 features	IPv6 Telnet, IPv6 ping, IPv6 tracert
Design	
Rack mounting	Yes
Product colour	Black
LED indicators	Yes
Power	
Power source	AC
Power supply included	Yes
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power consumption (max)	32.74 W

Power over Ethernet (PoE)

Power over Ethernet (PoE)	No
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Operational conditions

Operating temperature (T-T)	0 - 45 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 90%
Heat dissipation	111.71 BTU/h

Weight & dimensions

Width	440 mm
Depth	220 mm
Height	44 mm

Packaging content

Cables included	AC
Quick start guide	Yes
Manual	Yes
Rack mount kit	Yes

Packaging data

Package type	Box
Package width	528 mm
Package depth	336 mm
Package height	100 mm
Package weight	3.7 kg

Certificates

Certification	CE, FCC, RoHS
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Logistics data

Harmonized System (HS) code	85176990
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Matmenys ir svoris

Matmenys (I × P × A)	34,00cm × 54,00cm × 11,00cm
Svoris	4,40kg