



TP-Link TL-SG3452P | Switch | JetStream, 48x RJ45 1000Mb/s PoE+, 4x SFP, L2+, Managed



link to the product:

<https://www.batna24.com/gb/p/switches/tp-link-tl-sg3452p-switch-jetstream-48x-rj45-1000mb-s-poe-4x-sfp-l2-managed>

Price: **3,069.40 zł** gross / 2,495.45 zł net



Manufacturer: TP-LINK

Referention number: DNXGGJLLIRMMIH

Product features

Storage relative humidity (H-H)	5 – 90%
Power source	mains electricity
Height	44 mm
LED indicators	Yes
Password protection	Yes
Width	440 mm
Depth	330 mm
Virtual LAN features	MAC address-based VLAN
Packet buffer memory	12 MB
Storage temperature (T-T)	-40 to 70 °C
Cables included	AC
Rack mounting	Yes
Power consumption (max)	464.2 W
GARP VLAN Registration Protocol (GVRP)	Yes
Rate limiting	Yes
MIB support	Y
Console port	RJ-45/Micro-USB
Humidity measurement range	10 – 90%
Switching capacity	104 Gb/s
Quick start guide	Yes
Networking standards	IEEE 802.1D
Switch type	Managed

10G support	No
Loop protection	Yes
BPDU filtering/protection	Yes
Authentication	MAC-based authentication
ARP inspection	Yes
Active link detection	Yes
SSH/SSL support	Yes
IFU / User manual	Yes
Number of VLANs	4000
Spanning tree protocol	Yes
Head-of-line (HOL) blocking	Yes
Broadcast storm control	Yes
Operating temperature (T-T)	0 - 40 °C
Heat dissipation	1584.08 British thermal unit per hour
Quality of Service (QoS) support	Yes
Package type	Box
VLAN support	Yes
Link aggregation	Yes
Total Power over Ethernet (PoE) budget	384 W
Reset button	Yes
Management protocols	SNMPv1/v2c/v3, SNMP
Cloud-managed	Yes
IGMP snooping	Yes
IP routing	Yes
Web-based management	Yes
Flow control support	Yes
Port mirroring	Yes
Jumbo frames	9000
Jumbo frames support	Yes
MAC address table	16000 entries
Power supply included	Yes
Power over Ethernet (PoE)	Yes
SFP module slots quantity	4
Number of static routes	48
AC input frequency	50 Hz
AC input voltage	100 V
Power over Ethernet (PoE) power per port	30 W
System event log	Yes
Power over Ethernet plus (PoE+) ports quantity	48
DHCP features	DHCP client
Store-and-forward	Yes
Product colour	Black
Power connector	AC-in jack
Switch layer	L2+/L3
Access Control List (ACL)	Yes
Policy-based routing	Yes
Multicast support	Yes

Static route	Yes
Basic switching RJ-45 Ethernet ports type	Gigabit Ethernet (10/100/1000)
Basic switching RJ-45 Ethernet ports quantity	48

Full product description

SDN with cloud access

The **Omada SDN platform** integrates access points, switches and gateways to provide 100% centralized cloud management. **Omada** makes it easy to create a scalable network managed from a single interface and provides seamless wired and wireless connectivity, ideal for use in hotels, educational facilities, offices, etc.



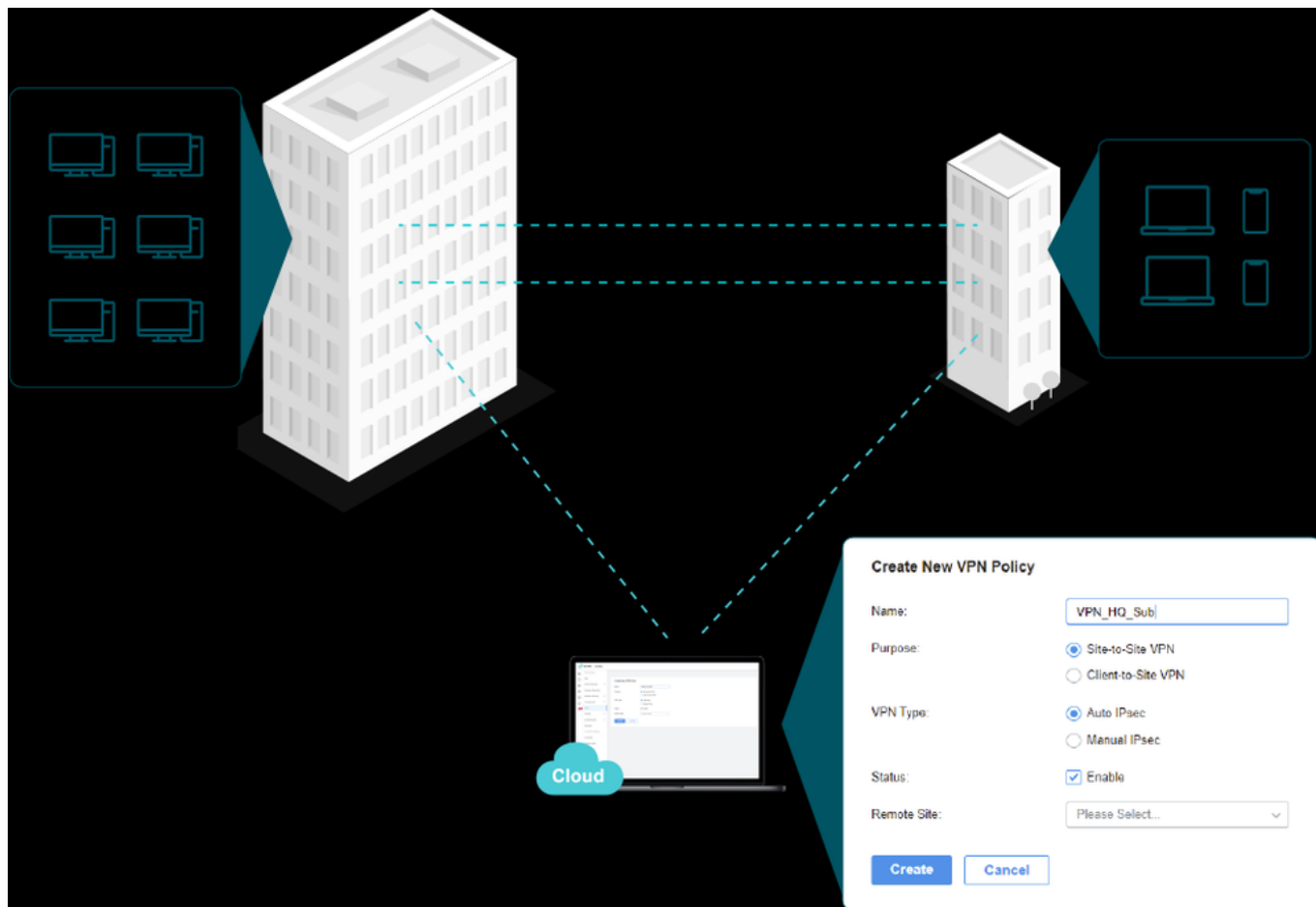
Multiple functions

The **TL-SG3452P** supports a wide range of features, enabling enterprises and ISPs to build a highly scalable, reliable and efficient network.



Network security

The **TL-SG3452P** features IP-MAC port-VID binding, as well as port security, network storm protection and DHCP Snooping to protect against many network attacks. A built-in list of common DoS attacks is also available to stop them. In addition, access control lists allow you to restrict access to important network resources by discarding packets based on **MAC address, IP address, TCP/UDP ports and VLAN ID**. In addition, the device supports **802.1X**, which allows network clients to authenticate via RADIUS/Tacacs servers .



Advanced control features

The **TL-SG3452P** supports a variety of features, including 802.1Q Tag VLAN, port mirroring, STP/RSTP/MSTP, LACP and 802.3x flow control. IGMP Snooping provides optimized multicast streaming to end users only, eliminating unnecessary traffic, while IGMP throttling and IGMP filtering monitors each user at the port level to prevent unauthorized multicast access. In addition, the **TL-SG3452P** supports static routing, which enables network segmentation through internal routing through the switch.



QoS

Voice and video traffic is serialized by IP address, MAC address, TCP port, UDP port and more. The **QoS function** ensures smooth operation of voice and video applications, even at low bandwidth.

Features for ISPs

The **TL-SG3452P** supports a number of features such as sFlow, QinQ, L2PT PPPoE ID Insertion and IGMP authentication. The 802.3ah OAM and DLDP protocols facilitate Ethernet monitoring and troubleshooting.



IPv6 support

The **TL-SG3452P** supports a number of IPv6 features, including Dual IPv4/IPv6 Stack, MLD Snooping, IPv6 ACL, DHCPv6 Snooping, IPv6 Interface, PMTU Discovery and IPv6 Neighbor Discovery, making the device ready for next-generation networks.