



TP-Link TL-SG3428 | Switch | 24x RJ45 1000Mb/s, 4x SFP, Managed, L2



link to the product:

<https://www.batna24.com/gb/p/switches/tp-link-tl-sg3428-switch-24x-rj45-1000mb-s-4x-sfp-managed-l2>

Price: **822.50 zł** gross / 668.70 zł net



Manufacturer: TP-LINK

Referention number: DNXGGHISFRMMHN

Product features

Storage relative humidity (H-H)	5 - 90%
Power source	mains electricity
Height	44 mm
LED indicators	Yes
Width	440 mm
Depth	180 mm
Virtual LAN features	Private VLAN
Packet buffer memory	12 MB
Storage temperature (T-T)	-40 to 70 °C
Cables included	LAN (RJ-45)
Rack mounting	Yes
Power consumption (max)	20.6 W
GARP VLAN Registration Protocol (GVRP)	Yes
IPv4 & IPv6 features	IPv4/IPv6 access-control list (ACL)
Rate limiting	Yes
Authentication type	AAA
MIB support	Y
Console port	RJ-45/Micro-USB
Humidity measurement range	10 - 90%
Configuring Location Settings (CLI)	Yes
Switching capacity	56 Gb/s
Quick start guide	Yes

Networking standards	IEEE 802.3ab
Switch type	Managed
10G support	No
Loop protection	Yes
BPDU filtering/protection	Yes
Authentication	MAC-based authentication
ARP inspection	Yes
SSH/SSL support	Yes
Number of VLANs	4000
Spanning tree protocol	Yes
Head-of-line (HOL) blocking	Yes
Broadcast storm control	Yes
Static port security	Yes
Operating temperature (T-T)	0 - 45 °C
Heat dissipation	70.3 British thermal unit per hour
Quality of Service (QoS) support	Yes
VLAN support	Yes
Link aggregation	Yes
Management protocols	SNMPv1/v2c/v3, SNTp
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
IPv4 routes	48
IPv6 routes	48
Power supply included	No
Power over Ethernet (PoE)	No
SFP module slots quantity	4
Number of static routes	48
AC input frequency	50 Hz
AC input voltage	100 V
Gigabit Ethernet (copper) ports quantity	24
System event log	Yes
DHCP features	DHCP client
Multicast Listener Discovery (MLD) snooping	Y
Store-and-forward	Yes
Product colour	Black
Switch layer	L2+/L3
IP-MAC-Port binding	Yes
Access Control List (ACL)	Yes
MAC address filtering	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	24

Full product description

TP-Link TL-SG3428 L2 JetStream Managed Switch

The **TP-Link TL-SG3428** managed switch features **24 RJ-45 GE ports**, **four SFP slots** for optional network branching, RJ-45 console ports and microUSB for PC control. The throughput of the switching matrix is **56 Gbps**. The packet forwarding rate is **41.66 mpps**. MAC address table capacity - 8K, packet memory buffer - 4.1 MB. For new generation networks based on IPv4 and IPv6 protocols, dual stack IPv4 / IPv6 support is available (16 IP interfaces). Supports **IGMP Snooping** - network traffic tracking with filtering to optimize the transmission of multicast streams.



A huge number of essential and high-quality functions

Enterprise level QoS technology (IEEE 802.1 p COS / DSCP, 8 priority queues), **voice VLAN**, ACL access control lists provide prioritization of voice and video applications, intelligent distribution of network traffic. **A feature set** is available for ISPs: QinQ, PPPoE ID Insertion, L2PT, etc. the 802.3 ah OAM and DLDP protocols make it easy to monitor and correct Ethernet failures. The switch **supports traditional management functions**: command line interface (CLI) via console port and telnet protected with SSH v1/SSH v2 traffic encryption and graphical web interface (GUI) protected with HTTPS encryption with SSL V3 (vulnerable protocol, required for Systems with Internet Explorer 6 and Windows XP without SP 3) and TLS1.2.



High security in one device

TL-SG3428 includes tools to ensure **high network security** through IP/IPv6-MAC port binding, port and LAN protection, protection against DoS attacks and broadcast storms, DHCP Snooping function, etc. ACLs (L2-L4) restrict access to significant network resources with packet rejection based on IP address, MAC address, VLAD ID, TCP/UDP ports. The **802.1x standard** enables authentication through RADIUS/Tacacs servers . Logging for clients without 802.1 x-through the guest VLAN.



Main features and benefits

- **Gigabit Ports:** 24 Gigabit RJ45 ports and 4 Gigabit SFP slots provide high connection speeds.
- **Omada SDN:** The platform provides access to unattended ZTP configuration, central cloud management, and intelligent monitoring.
- **Centralized Management:** Management is extremely convenient via cloud access and the easy-to-use Omada application.
- **Static Routing:** Allows you to direct network traffic for efficient use of network resources
- **Strong Security Strategies:** IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm control, DHCP Snooping, 802.1X, Radius Authentication and more.
- **Voice and Video application optimization:** L2/L3/L4 QoS and IGMP snooping.
- **Management:** Web, CLI (Console Port, Telnet, SSH), SNMP, RMON and Dual Image provide extensive management capabilities