

# TP-Link TL-SG2428P network switch

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<b>Artikel</b>	121011
<b>Herstellernummer</b>	TL-SG2428P
<b>EAN</b>	6935364030650
TP-Link	



## Realize More Possibilities with Omada

JetStream 28-Port Gigabit Smart Switch with 24-Port PoE+

Software Defined Networking (SDN) with Cloud Access

Omada's Software Defined Networking (SDN) platform integrates network devices, including access points, switches and gateways, 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.

## Zusammenfassung

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TP-Link JetStream 28-Port Gigabit Smart PoE Switch with 24-Port PoE+, Managed, L2/L2+, Gigabit Ethernet (10/100/1000), Power over Ethernet (PoE), Rack mounting, 1U

TP-Link JetStream 28-Port Gigabit Smart PoE Switch with 24-Port PoE+. Switch type: Managed, Switch layer: L2/L2+. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 24. MAC address table: 8000 entries, Switching capacity: 56 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE.... Power over Ethernet (PoE). Rack mounting, Form factor: 1U

## Merkmale

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### Logistics data

Harmonized System (HS) code 85176990

### Power over Ethernet (PoE)

Power over Ethernet (PoE)	Yes
Power over Ethernet plus (PoE+) ports quantity	24
Power over Ethernet (PoE) power	30 W

## Multicast features

Multicast support	Yes
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## Optical fiber

Fiber ethernet cabling technology	1000BASE-X
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## Performance

Firmware upgradeable	Yes
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## Protocols

Management protocols	SNMPv1/v2c/v3, SNTTP
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## Packaging data

Cables included	AC
User guide	Yes
Rack mount kit	Yes

## Weight & dimensions

Width	440 mm
Depth	220 mm
Height	44 mm

## Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity	24
Basic switching RJ-45 Ethernet ports type	Gigabit Ethernet (10/100/1000)
Gigabit Ethernet (copper) ports quantity	24
SFP module slots quantity	4

per port	
Total Power over Ethernet (PoE) budget	250 W

## Design

Rack mounting	Yes
Form factor	1U
Product colour	Black
Number of fans	2 fan(s)
Certification	CE, FCC, RoHS

## Operational conditions

Operating temperature (T-T)	0 - 50 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 90%
Heat dissipation	1052.94 BTU/h

## Power

Power source	AC
Power supply included	Yes
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power consumption (max)	291.9 W

## Data transmission

Switching capacity	56 Gbit/s
Forwarding rate	41.7 Mpps
MAC address table	8000 entries
Number of queues	8
Jumbo frames support	Yes
Jumbo frames	9000
Packet buffer memory	4.1 MB

## Management features

Switch type	Managed
Switch layer	L2/L2+
Quality of Service (QoS) support	Yes
Web-based management	Yes
ARP inspection	Yes
System event log	Yes
MIB support	Y

## Security

DHCP features	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client
Access Control List (ACL)	Yes
IGMP snooping	Yes
Security algorithms	HTTPS, SNMP, SNMPv2, SNMPv3, SSH, SSH-2, SSL/TLS
SSH/SSL support	Yes

BPDU filtering/protection	Yes
IP-MAC-Port binding	Yes
Authentication type	RADIUS
Queue scheduling algorithms	SP, WRR+SP, Weighted Round Robin (WRR)

## Network

Networking standards	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
10G support	No
Copper ethernet cabling technology	10BASE-T, 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
Spanning tree protocol	Yes
VLAN support	Yes
Virtual LAN features	MAC address-based VLAN, Protocol-based VLAN, Voice VLAN
Number of VLANs	4000

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.