



JetStream 28-Port Gigabit SM SwitchPoE+

Technical Specifications

Product Information

EAN	6935364030667
Brand	Tp-Link
SKU	10310233
Manu Part #	SG2428P

Protocols

Management protocols	SNMPv1/v2c/v3, SNTTP
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Data transmission

Packet buffer memory	4.1 MB
Forwarding rate	41.7 Mpps

Jumbo frames	9000
MAC address table	8000 entries
Jumbo frames support	Yes
Switching capacity	56 Gbit/s
Number of queues	8

Certificates	
Certification	CE, FCC, RoHS

Power over Ethernet (PoE)	
Power over Ethernet plus (PoE+) ports quantity	24
Total Power over Ethernet (PoE) budget	250 W
Power over Ethernet (PoE)	Yes
Power over Ethernet (PoE) power per port	30 W

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

Gigabit Ethernet (copper) ports quantity	24
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Security	
DHCP features	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client
Access Control List (ACL)	Yes
Security algorithms	HTTPS, SNMP, SNMPv2, SNMPv3, SSH, SSH-2, SSL/TLS
IP-MAC-Port binding	Yes
SSH/SSL support	Yes
IGMP snooping	Yes
Queue scheduling algorithms	SP, WRR+SP, Weighted Round Robin (WRR)
Authentication type	RADIUS
BPDU filtering/protection	Yes

Management features	
System event log	Yes
Web-based management	Yes
MIB support	Y
Switch layer	L2/L2+
Quality of Service (QoS) support	Yes

ARP inspection	Yes
Switch type	Managed

Multicast features	
Multicast support	Yes

Design	
Number of fans	2 fan(s)
Product colour	Black
Rack mounting	Yes
Form factor	1U

Weight & dimensions	
Height	44 mm
Width	440 mm
Depth	220 mm

Packaging content	
Cables included	AC

Rack mount kit	Yes
User guide	Yes

Logistics data	
Harmonized System (HS) code	85176990

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
Cable types supported	Cat3, Cat4, Cat5, Cat5e
Virtual LAN features	MAC address-based VLAN, Protocol-based VLAN, Voice VLAN
Link aggregation	Yes
Spanning tree protocol	Yes
10G support	No
Number of VLANs	4000
Port mirroring	Yes
Flow control support	Yes
Broadcast storm control	Yes
Copper ethernet cabling technology	10BASE-T, 1000BASE-T

VLAN support	Yes
Rate limiting	Yes

Operational conditions	
Heat dissipation	1047.3 BTU/h
Operating relative humidity (H-H)	10 - 90
Storage relative humidity (H-H)	5 - 90
Operating temperature (T-T)	0 - 50 C
Storage temperature (T-T)	-40 - 70 C

Performance	
Firmware upgradeable	Yes

Power	
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply included	Yes
Power source	AC
Power consumption (max)	306.9 W

Optical fiber

Fiber ethernet cabling technology

1000BASE-X

Packaging data

Package height

100 mm

Package depth

528 mm

Package width

336 mm

Package weight

3.98 kg

Product Description

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.

