

GTP-5271DP 52-Port L3 Lite Managed Gigabit PoE Switch, 802.3af/at PoE, 48 PoE Outputs, 400W PoE Power Budget, 4 x 10G SFP+, Dual AC Redundant Power Supply

Product Images





Short Description

- **High-Density PoE Access:** 48 Gigabit PoE+ access ports plus 4 10-Gigabit SFP+ uplink slots for large wired and wireless edge deployments.
- **Generous PoE Budget:** Total 400W PoE power budget with up to 30W per port for IP cameras, Wi-Fi access points and VoIP phones.
- **Redundant Power Design:** Dual AC power inputs provide failover protection to enhance network availability and uptime.
- **Extended Reach:** Supports 250m Extended PoE in 10Mbps mode for long-distance camera and outdoor device installations.
- **Advanced Layer 2 Features:** Supports port-based VLAN, IEEE 802.1Q VLAN tagging, STP/RSTP/MSTP and port mirroring for flexible topology design.
- **Traffic and Multicast Control:** IGMP Snooping, storm control and IEEE 802.3ad LACP optimize multicast streams and link utilization.
- **IPv4/IPv6 L3 Lite:** Dual-stack L3 Lite functionality with IPv4/IPv6 operation and management for modern enterprise networks.
- **Ideal Scenarios:** Perfect for high-density PoE access in campuses, office buildings, IP surveillance backbones and managed SMB networks.

Description

The LevelOne GTP-5271DP is a high-density 52-port L3 Lite managed Gigabit PoE switch designed for enterprise access, aggregation and surveillance networks. It provides 48 Gigabit PoE+ ports for edge devices and 4 10G SFP+ uplink ports for high-speed connectivity to core or distribution switches. With wire-speed Gigabit access and 10G uplinks, it delivers the bandwidth required for VoIP, Wi-Fi 6/6E access points, IP cameras and cloud-based business applications.

Equipped with a 400W PoE power budget, the GTP-5271DP supplies up to 30W per port in compliance with IEEE 802.3af/at, giving flexible power allocation for power-hungry devices such as PTZ cameras, dual-band APs and video intercoms. Extended PoE support up to 250 meters in 10Mbps mode simplifies long-distance deployments without additional midspan injectors. Dual AC power inputs provide redundant power, ensuring

continuous operation even if a single power source fails and helping to meet uptime requirements in critical environments.

As an L3 Lite managed switch, the GTP-5271DP supports advanced IPv4/IPv6 features including port-based and 802.1Q VLAN tagging, Spanning Tree (802.1d/w/s), LACP link aggregation, storm control and IGMP snooping for multicast optimization. IPv6 management, security and multicast control make it ready for modern dual-stack networks. Combined with comprehensive QoS and traffic control, this switch delivers scalable, manageable and cost-effective PoE access for enterprise campuses, SMBs and large surveillance installations.

Additional Information

Harmonized System (HS) code.	851762
Customs product code (TARIC).	8517620000
Features.	Layer 2 ring network protocol ● Support STP、RSTP、MSTP ● Support G.8032 ERPS protocol, single ring, sub ring and other ring VLAN ● Support access, trunk and hybrid mode VLAN Classification ● Mac Based VLAN ● IP Based VLAN ● Protocol Based VLAN QinQ ● Basic QinQ (Port-based QinQ) ● Flexible Q in Q (VLAN-based QinQ) ● QinQ (Flow-based QinQ) Port mirroring ● Many to one (Port Mirroring) DHCP ● DHCP Client ● DHCP Snooping ARP ● ARP table aging Multicast ● IGMP V1,V2,V3 ● IGMP snooping ACL ● IP Standard ACL ● MAC extend ACL ● IP extend ACL QoS ● QoS Class, Remarking ● Support SP, WRR queue scheduling ● Ingress Port-based Rate-limit ● Egress Port-based Rate-limit ● Policy-based QoS Layer 3 routing features ● IPv4/IPv6 Static Routing
Management.	● LLDP ● User management and login authentication ● SNMP V1/V2C/V3 ● Web management, HTTP1.1, HTTPS ● Syslog and alarm grading ● RMON (Remote Monitoring) alarm, event and history record ● NTP ● Temperature monitoring ● Ping、Tracert ● Support optical transceiver DDM function ● TFTP Client ● Telnet Server ● SSH Server ● IPv6 management ● PoE management ● FTP, TFTP, WEB upgrading
Security.	● Dot1x, port authentication ● Mac authentication ● RADIUS service ● Port-Security ● IP source guard, IP/Port/MAC binding ● ARP-check and ARP packet filtering for illegal users ● Port isolation
PoE Power Budget.	Total 400.00
PoE Supported.	Yes
Concurrent ports.	Total 52.00
Fanless.	No
Manageable.	Yes
Grade.	Commercial

Switching capacity.	336 Gbps
Color.	Grey
EAN.	4015867241400
Model Number.	GTP-5271DP
Dimensions (W x D x H).	440 x 400 x 44 mm
Product weight (kg).	5.5
Power Redundancy.	Dual Power Supplies
Power consumption.	● 400W (PoE power budget) ● 440W (Full loading)
Acoustic noise (dB).	45
Backplane (Gbps).	336 Gbps
Data Rate.	10Gbps, 1Gbps
Flash memory size.	512 MB
Packet forwarding rate.	499.9 Mpps
Heat dissipation.	136.48 BTU/hr
Indicators.	● Power ● Link/Active ● PoE
Jumbo frame (KB).	10
MAC address table.	16 K
Mount.	19" rack mount, Desk mount
MTBF.	534,057 hrs
Packet buffer.	12 Mbits
Pin assignment and polarity.	1/2 (+), 3/6 (-)
Port Configuration.	48× 10/100/1000 Mbps RJ-45 PoE+ ports, 4× 1/2.5/10 GbE uplink SFP+ ports
Power input.	100-240 VAC, 50-60 Hz
Power supply.	100-240 VAC, 50-60 Hz
Power supply included.	Yes
RAM size.	256 MB

Standard.	<ul style="list-style-type: none"> ● IEEE 802.3u 100BASE-TX, Fast Ethernet ● IEEE 802.3ab 1000BASE-T, Gigabit Ethernet ● IEEE 802.3z 1000BASE-X, Gigabit Ethernet ● IEEE 802.3x for full-duplex mode ● IEEE 802.1D Spanning Tree Protocol (STP) ● IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) ● IEEE 802.1s Multiple Spanning Tree Protocol (MSTP), 64 instances ● IEEE 802.1Q VLAN ● IEEE 802.1v protocol-based VLAN ● IEEE 802.3ad Link Aggregation Control Protocol ● IEEE 802.1p CoS ● IEEE 802.1X port based and MAC based authentication ● IEEE 802.3ah Ethernet Link OAM ● IEEE 802.1ag Connectivity Fault Management
Approval and Compliance.	<ul style="list-style-type: none"> ● FCC Part 15 Subpart B ● CE Mark ● EN IEC 62368-1 ● EN 55032 ● EN 55035 ● EN 61000-3-2/3 ● RoHS
Operating humidity.	10% RH ~ 90% RH
Operating temperature.	0°C ~ 50°C
Storage humidity.	5% RH ~ 90% RH
Storage temperature.	-40°C ~ 70°C
Package Contents.	<ul style="list-style-type: none"> ● GTP-5271DP ● Console Cable ● Power Cord ● 19" Rack Mount Kit ● Quick Installation Guide ● Declaration of Conformity

