

GTP-2871 28-Port L3 Lite Managed Gigabit PoE Switch, 4 x 10G SFP+, 24 PoE+ Outputs, 400W PoE Power Budget

Product Images



Short Description

- 24 Gigabit PoE+ ports and 4 10-Gigabit SFP+ slots
- Total PoE power budget: 400W, up to 30W per port
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging
- IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring
- Supports unknown unicast / broadcast / multicast storm control
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- IEEE 802.3ad LACP for auto port aggregation
- Supports IPv4/IPv6 network operation

Description

The GTP-2871 is LevelOne latest generation of 28-Port L3 Lite Managed Gigabit PoE Switch, with 4 10G SFP+ port connectivity. offers powerful L2 and L3 Lite features, better PoE functionality with 400W PoE power budget and usability, The switch also supports the most advanced IPv6 management, IPv6 security, and IPv6 multicast control in accordance with the growth of IPv6 deployment.

The GTP-2871 PoE-enabled switches features an IEEE 802.3af/at certified. are ideal for businesses looking to power VoIP phones, wireless access points or network cameras. The GTP-2871 24-port PoE Switch supports up to 30 W of power output giving you flexibility in power allocation for a variety of powered devices enabling you to scale your operations to meet business growth, operational cost savings, and ease of management.

Additional Information

Harmonized System (HS) code.	851762
Customs product code (TARIC).	8517620000
Features.	L2 features: ● Spanning Tree Protocol ● 802.1D Spanning Tree Protocol (STP) ● 802.1w Rapid Spanning Tree Protocol (RSTP) ● 802.1s Multiple Spanning Tree Protocol (MSTP) ● Support G.8032 ERPS protocol, single ring, sub ring and other ring ● MAC Address Table ● Up to 16K entries ● Protocol Based VLAN ● IP Subnet-based VLAN ● MAC-based VLAN ● IEEE 802.1Q VLAN ● Q-in-Q ● DHCP Client ● DHCP Snooping ● Multicast (IGMP V1,V2,V3 / IGMP snooping) ● ACL (IP Standard ACL, MAC extend ACL, IP extend ACL) ● QoS ● ARP (ARP table aging) L3 features: ● IPv4/IPv6 Static Routing
Management.	● LLDP ● User management and login authentication ● SNMP V1/V2C/V3 ● Web management, HTTP1.1, HTTPS ● CLI management, Console/Telnet/SSH command line management ● Syslog ● RMON (Remote Monitoring)alarm, event and history record ● NTP ● Temperature monitoring ● Ping、Tracert ● Optical transceiver DDM function ● TFTP Client ● Telnet Server ● SSH Server ● IPv6 Management ● PoE Management
Security.	● Dot1x, port authentication, mac authentication, RADIUS service ● Port-security ● IP source guard, IP/Port/MAC binding ● Support arp-check and ARP packet filtering for illegal users ● Port isolation
Grade.	Commercial
PoE Supported.	Yes
Manageable.	Yes
Fanless.	No
Concurrent ports.	Total 28.00
PoE Power Budget.	Total 400.00
Switching capacity.	128 Gbps
Product weight (kg).	3.5
Dimensions (W x D x H).	440 x 245 x 44 mm

Power supply.	100-240 VAC, 50-60 Hz
Data Rate.	10Gbps, 1Gbps
Power supply included.	Yes
Power consumption.	440W (full loading PoE on)
MTBF.	534,057 hrs
Heat dissipation.	136.48 BTU/hr
Packet forwarding rate.	190.4 Mpps
Port Configuration.	24× 10/100/1000 Mbps RJ-45 PoE+ ports, 4× 1/2.5/10 GbE uplink SFP+ ports
Standard.	<ul style="list-style-type: none"> ● IEEE 10BASE-T (IEEE 802.3) ● IEEE 100BASE-TX (IEEE 802.3u) ● IEEE 1000BASE-T (IEEE 802.3ab) ● IEEE 802.3z (1000BASE-X) Transceivers ● IEEE 802.3ad Dynamic Link Aggregation (2.5GE) ● IEEE 802.3x flow control ● IEEE 802.1Q VLANs (Supports 4K) ● IEEE 802.1D Spanning Tree Protocol (STP) ● IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) ● IEEE 802.1s Multiple Rapid Spanning Tree Protocol (MSTP, 64 instances) ● IEEE 802.3af Power over Ethernet (PoE) ● IEEE 802.3at Power over Ethernet Plus (PoE+) ● IEEE 802.3az Energy-Efficient Ethernet
Acoustic noise (dB).	45
Pin assignment and polarity.	1/2 (+), 3/6 (-)
Mount.	19" rack mount, Desk mount
Flash memory size.	512 MB
RAM size.	256 MB
MAC address table.	16 K
Jumbo frame (KB).	10
Indicators.	● Power ● Link/Active ● PoE
Packet buffer.	12 Mbits
Backplane (Gbps).	128
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 ~ 75°C
Package Contents.	● GTP-2871 ● Power Cord ● Console Cable ● 19" Rack Mount Kit ● Quick Installation Guide ● Declaration of Conformity
Color.	Grey
EAN.	4015867228593
Model Number.	GTP-2871

