

GTP-2871 28-Port L3 Lite Managed Gigabit PoE Switch, 4 x 10GbE 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
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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

Color	Black
EAN	4015867228593
Model Number	GTP-2871
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) ● 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 ● 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
Data rate	Gigabit and 10-Gigabit Ethernet
PoE Power Budget	Total 400.00
PoE Supported	Yes
Concurrent ports	Total 28.00
Fanless	No
Manageable	Yes
Grade	Commercial
Embedded system	Linux

Approval and Compliance	● 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
Dimensions (W x D x H)	440 x 245 x 44 mm
Product weight (kg)	3.5
Acoustic noise (dB)	45
Backplane (Gbps)	128
Flash memory size	512 MB
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 (-)
Power consumption	440W (full loading PoE on)
Power supply	100-240 VAC, 50-60 Hz
RAM size	256 MB

Standards

- 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+)

