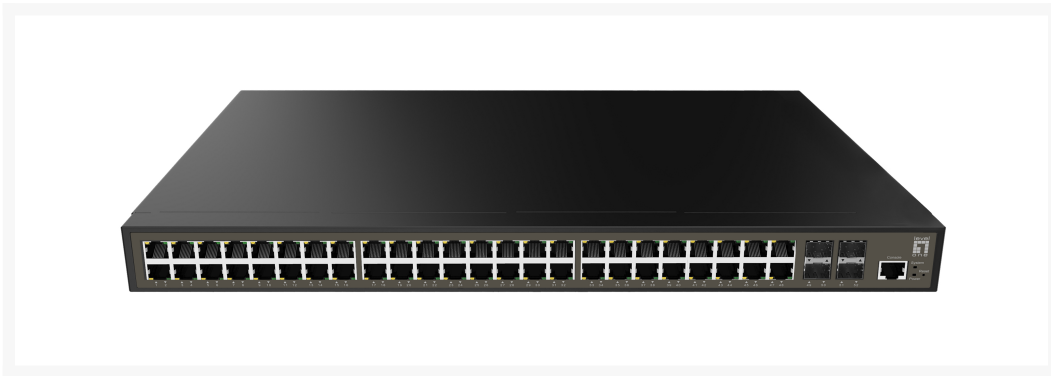




GEL-5271 52-Port L2 Plus Managed Gigabit Switch, 48 x Gigabit RJ45, 4 x Gigabit SFP

Product Images



Short Description

- 48 Gigabit Ethernet ports and 4 Gigabit SFP slots
- IEEE 802.3ad LACP for auto port aggregation
- IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- Supports VLAN (Port-based, Protocol-based, Private, Q-in-Q, Tag-based)
- Supports IPv4/IPv6 network operation

Description

The LevelOne GEL-5271 is an intelligent 52-Port L2 plus managed gigabit switch with 48 RJ45 ports and 4 SFP fiber slots, designed for enterprise or large workgroups connectivity applications with the non-blocking, wire-speed switching performance and advanced networking management functions.

The switch supports a flexible web-based management interface for both IPv4 and IPv6 as well as console, SNMP and Telnet management access. Despite its affordable pricing, the GEL-5271 is equipped with many

advanced features such as Internet Group Management Protocol (IGMP) snooping, port-/MAC-/tag-based VLAN, IEEE 802.1D/w/s Spanning Tree, Access Control List (ACL), IEEE 802.3az Energy Efficient Ethernet, Link Aggregation Control Protocol (LACP), IEEE 802.1p QoS, Storm Control for protecting against broadcast/multicast/unknown unicast and much more.

An ideal network solution for anyone looking for an affordable and efficient way to expand their network.

Additional Information

Approval and compliance	● FCC Part 15 Subpart B ● CE Mark ● EN IEC 62368-1 ● EN 55032 ● EN 55035 ● EN 61000-3-2/3 ● RoHS
Max. operating humidity (%)	90
Max. operating temperature (°C)	50
Max. storage humidity (%)	95
Max. storage temperature (°C)	70
Min. operating humidity (%)	10
Min. storage humidity (%)	5
Min. storage temperature (°C)	-40
Acoustic noise (dB)	45
Backplane (Gbps)	104
Packet buffer	12 Mbits
Indicators	LINK/ACT, Power
Jumbo frame (KB)	10
MAC address table	16 K
RAM size	256 MB
Flash memory size	512 MB
Mount	19" rack mount, Desk mount
Power supply	100-240 VAC, 50-60 Hz
Chipset	ARM
Standards	● IEEE 10BASE-T (IEEE 802.3) ● IEEE 100BASE-TX (IEEE 802.3u) ● IEEE 1000BASE-T (IEEE 802.3ab) ● IEEE 802.3z (1000BASE-SX/LX/LHX/ZX) Transceivers ● IEEE 802.3ad Dynamic Link Aggregation (2.5GE) ● IEEE802.3x 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)

Features	QoS Features ● Rate Limiting (Ingress/Egress Port-Based): 64 Kbps ~ 1000 Mbps, Resolution 64 Kbps ● 8 HW Queues per port ● IPv4/IPv6 DSCP IPv6 ● HTTP over IPv6 ● SNMP over IPv6 ● IPv4/IPv6 Dual Protocol Stack ● IPv6 Management ● IPv6 Ping/Trace ● IPv6 Telnet ● IPv6 Syslog ● IPv6 TFTP L3 Features ● Static Routing ● RIP
Management	● Dual Image/Configuration ● Configuration upload/download (HTTP/TFTP/FTP/SFTP) ● Firmware upload/download (HTTP/TFTP/FTP/SFTP) ● System password protection ● Management Access (Console/SNMP/Web /Telnet) ● Memory Flash Log ● Event/Error Log/Syslog ● DHCP Client/DHCP Snooping(IPv4) ● DHCP Snooping Option82 ● Port Mirroring (One to One) TX/RX (both) ● NTP/SNTP ● RMON ● SNMP Trap ● SNMP v1/v2c/v3 ● SNMP Standard/Private MIB
Security	● Storm Control ● Broadcast/Multicast/Unknown Storm Control ● Port Isolation ● Port Mirror (One to One, One to Many) ● Remote Mirror ● IEEE 802.1X ● DDOS Protection ● CPU Guard (CPU Protection) ACL ● Ingress Only ● L2/L3/L4 ● ACL entry: 240 ● IPv4 ● TCP/UDP-Based, MAC-Based ACL ● AAA (RADIUS/TACACS+)
Product weight (kg)	3.5
Product breadth (mm)	440
Product depth (mm)	300
Product height (mm)	44
Color	Black
EAN	4015867227824
Model number	GEL-5271
Package contents	● GEL-5271 ● Power cord ● 19" Rack Mount Kit ● Quick Installation Guide ● Declaration of Conformity
Grade	Commercial
Data Rate	Gigabit Ethernet
PoE Supported	No
Manageable	Yes
Fanless	No
Power consumption	40 W

