

GEL-2681 Version: 1



26-Port L3 Lite Managed Gigabit Switch, 2 x SFP/RJ45 Combo

GEL-2681 L3 Lite Managed Gigabit Switch is a next-generation Ethernet Switch offering full suite of L2 features, including advanced L3 features such as Static Route that delivers better cost performance and lower total cost of ownership in Enterprise networks via fiber or copper connections. GEL-2681 provides high HW performance and environment flexibility for SMBs/ Enterprises. GEL-2681 is ideal to deliver management simplicity, optimum user experience, and lower total cost of ownership. The embedded Device Managed System is designed to be extremely easy-to-use/manage/install IP Phone, IP Cam, or Wifi-AP for Enterprise Applications.

Key-features

- 24 Gigabit Ethernet Ports und 2 Gigabit Combo (RJ-45/SFP) Ports
- QoS-Steuerung für Verkehrspriorisierung und Bandbreitenmanagement
- DHCP-Client/Server
- Unterstützt IPv4/IPv6
- Minimiert den Stromverbrauch durch moderne Energieeffizienz (IEEE-802.3az)
- IEEE-802.3ad LACP für Auto-Port-Aggregation
- unterstützen VLAN (Port-/Protocol-/Tag-basiertes, Private, Q-in-Q) und GVRP
- IEEE-802.1d/w/s Spanning Tree Protocol (STP) und Port-Spiegelung
- IP Multicast Filtering mittels IGMP Snooping V1/ V2/ V3

Specifications

System Specifications

Standards & Protokolle:

IEEE 802.3 10-BASE-T, Ethernet
 IEEE 802.3u 100-BASE-TX, Fast Ethernet
 IEEE 802.3ab 1000BASE-T, Gigabit Ethernet
 IEEE 802.3z 1000BASE-X, Gigabit Ethernet
 IEEE 802.1p Quality of Service (QoS)
 IEEE 802.1X Port-based Network Access Control (PNAC)
 IEEE 802.1Q Virtual LANs (VLANs)
 IEEE 802.1D MAC Bridges
 IEEE 802.1d Standard Spanning Tree Protocol
 IEEE 802.1s Multiple Spanning Tree (MSTP)
 IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
 IEEE 802.3x Flow Control
 IEEE 802.3ad Link Aggregation Control Protocol (LACP)
 IEEE 802.3az Energy-Efficient Ethernet
 Link Layer Discovery Protocol (LLDP)

**Speicher:**

RAM : 128 MB

Flash : 32 MB

Pufferspeicher:

512 KB

Stecker und Verkabelung:

24 x 10/100/1000Mbps RJ45 port,

2 x Gigabit RJ45/SFP combo port

1 x RJ45 Console port

Taster:

Mode / Reset Button

Indikator:

System, Link/Act/Speed

Übertragungsmethode:

Store-and-Forward

Leistungsaufnahme:

100-240 VAC 50~60Hz

Energieverbrauch:

16.79 W

Features

Allgemein:

Device Management System (DMS)

IGMP: IGMP v1/v2/v3 snooping, IGMP Queried, IGMP Proxy

Virtual Local Area Network (VLAN):

Port-based VLAN

802.1Q tag-based VLAN

MAC-based VLAN

Management VLAN

Private VLAN Edge (PVE)

Q-in-Q (double tag) VLAN

Voice VLAN

GARP VLAN Registration Protocol (GVRP)

DHCP: DHCP Client

Sicherheit:

ACLs:L2/L3/L4

ACLs:IPv6 Support

Port Security (MAC-based)

IP Source Guard

Storm Control

RADIUS Authentication 802.1x

TACACS+ Authentication

HTTPs and SSL (Secured Web)

BPDU Guard

STP Root Guard

DHCP Snooping

Loop Protection

Management:

Switch Management:

DHCP:Client,Relay,Option 66,Option 67,Option 82

Event/Error Log:Syslog,SMTP (RFC821)

Management Access Filtering:SNMP,Web,Telnet,SSH

RMON (1,2,3 & 9 Groups)

Software Upgrade

Configuration Export/Import

Port Mirroring

LLDP (IEEE802.1AB)

LLDP-MED (IEEE802.1AB)

CDP Aware
sFlow
IPv6 Management
NTP

L3:

IPv4/IPv6 L3 static route

Benutzerfreundlichkeit:

Firmware and Configuration: Upgrade via HTTP

Performance

Backplane (Gbps):

52Gbps

MAC-Adresstabelle:

8K

Datenrate:

10/100/1000Mbps

Weiterleitungsrate:

38.68 Mpps

Jumbo-Frames:

9.6K

Environment

Energieeffizienz:

IEEE 802.3az Energy Efficient Ethernet:

- Automatically turns power off on RJ-45 port when detecting link down or Idle of client
- Cable length detection: Adjusts the signal strength based on the cable length
- Reduces the power consumption for cables shorter

Temperatur (°C):

Operating: 0°C ~ 45°C

Storage: -20°C ~ 70°C

Luftfeuchtigkeit (nicht kondensierend):

Storage: 10% ~ 90%

Operating: 10 ~ 90%

Physical Specifications

Abmessungen (W x D x H mm):

442 x 211x 44 mm

Gewicht:

2600g

Zuverlässigkeit

MTBF:

25°C?463,931(hr)

40°C?305,837(hr)

Approval and Compliance

Zertifizierung:

CE, FCC Part 15 Class A, VCCI



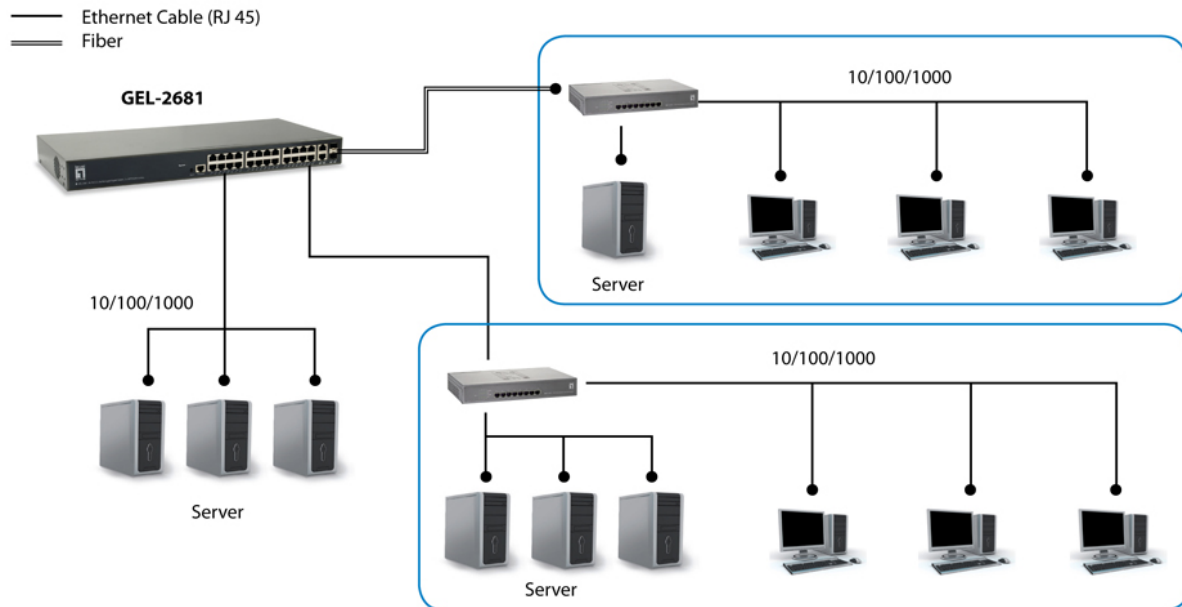
Sicherheit:

LVD

Gehäuse:

RoHS

Diagramm



Order Information

GEL-2681

Package Contents

GEL-2681

Stromkabel

Konsolenkabel

Ressource CD (Bedienungsanleitung, QIG)

Quick Installation Guide

19" Einbaurahmen

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