



GTL-2882 Version: 1

28-Port Stackable L3 Lite Managed Gigabit Glasfaser Switch, 2 x Gigabit SFP/RJ45 Combo, 2 x 10GbE SFP+, 1 x 10GbE Modul Slot

The GTL-2882 series includes high-performance Gigabit Ethernet Layer3 Lite switches featuring 28 or 52 ports; 24 /48 10/100/1000BASE-T ports, two 10G SFP+ ports, and one 10G expansion slot for a dual-port module. The switch is ideal for high-performance server aggregations, such as enterprise data centers, where it can connect high-end or network-attached file servers through fiber ports. It can also be deployed as a backbone upgrade, or to provide Gigabit-to-the-desktop for power users. This switch is packed with features and is a cost-effective solution that brings continuous availability, enhanced security, and advanced QoS to the network edge, while maintaining simplicity of management.

Key-features

- Dynamische ARP Inspektion (DAI) schützt das Netzwerk gegen ARP Spoofing Angriffe
- Stacking mit bis zu 8 Switches in einem Stack
- Support Operations, Administration, and Maintenance (OAM) mechanisms
- Ethernet-Ring-Schutzschaltung (ERPS) für Ethernet-Ring Topologien mit Failover von unter 50ms
- IEEE-802.1d/w Spanning Tree Protocol (STP) und Port-Spiegelung
- IEEE-802.3ad LACP für Auto-Port-Aggregation
- unterstützen Port-basiertes VLAN, IEEE 802.1Q-VLAN-Tagging
- QoS-Steuerung für Verkehrspriorisierung und Bandbreitenmanagement
- Unterstützt IPv4/IPv6

Specifications

System Specifications

Standards & Protokolle:

IEEE 802.1p priority tags

IEEE 802.1x port authentication

IEEE 802.3x Ethernet frame start and stop requests and timers used for flow control on full-duplex links

IEEE 802.3u CSMA/CD access method and physical layer specifications for 100 BASE-T Fast Ethernet

IEEE 802.3z CSMA/CD access method and physical layer specifications for 1000 BASE Gigabit Ethernet

IEEE 802.1q Virtual LAN

IEEE 802.1d Spanning Tree Protocol

IEEE 802.3ad Link Aggregation Control Protocol

IEEE 802.1s Rapid Spanning Tree Protocol

IEEE 802.1w Multiple Spanning Tree Protocol

**Speicher:**

Flash Memory : 128 MB
DRAM : 256 MB

Pufferspeicher:

1.5 MB

Stecker und Verkabelung:

22 x 1G SFP port
2 x 10/100/1000 Combo port
2 x SFP+ 10 Gigabit Uplink Port
1 x RJ45 Console port
1 Slots for 2 x 10G Stacking/Uplink

Indikator:

LED indicators : Port, Uplink, System, Diagnostic

Übertragungsmethode:

Store and Forward

Leistungsaufnahme:

100 to 240 V, 50-60 Hz, 2 A

Energieverbrauch:

42 W

Backplane (Gbps):

Switching Bandwidth : 128 Gbps
Forwarding Performance : 95.23 Mpps

MAC-Adresstabelle:

16K

Datenrate:

GE:Resolution 64 Kbps ~ 1000 Mbps
10G:Resolution 64 Kbps~ 10000 Mbps

Features

Allgemein:

OAM :

IEEE 802.3ah Link
IEEE 802.1ag Connectivity Fault Management (CFM)
ITU-T Y.1731 performance and throughput management

Stacking Features :

IP Clustering up to 36 devices, bandwidth up to 20G
Hardware Stacking up to 8 units, bandwidth up to 20G
IPv4/IPv6 dual protocol stack
G.8032 (ERPSv1/v2)

VLANs:

- Supports 4K IEEE 802.1Q VLANs
- Port-based VLANs
- GVRP/GARP
- IEEE 802.1v Protocol-based VLANs
- MAC-based VLANs
- IP subnet-based VLANs
- Private VLANs (Community)
- Traffic Segmentation (port isolated)
- Voice VLANs
- VLAN trunking
- VLAN translation

Sicherheit:

Port security
802.1x
Access Control List
DHCP snooping
IP Source Guard
Dynamic ARP Inspection
DoS Protection
AAA
SSH v1.5/v2
SSL/HTTPS
Management access filter

Management:

CLI/WEB Based
Telnet/SNMP v1/v2/v3
RMON I (1,2,3, 9 group)
Software Download
Auto upgrade
Dual Image
BOOTP/DHCP
SNTP
DNS
IP clustering
Even/Error/System log
Port monitor MAC/VLAN
LLDP (802.1ab)

L3:

Multi-netting (CIDR)
IPv4 Static Routes
RIP v1/v2
ARP/Proxy ARP

Performance**Weiterleitungsrate:**

95.24Mpps

Jumbo-Frames:

10K

Schaltleistung:

128 Gbps

Environment**Wärmeableitung:**

Three cooling fans

Temperatur (°C):

Operating : 0°C to 45°C

Storage : -40°C to 70°C

Luftfeuchtigkeit (nicht kondensierend):

Operating/Storage : 10% to 90%

Physical Specifications**Abmessungen (W x D x H mm):**

44X31.5X4.4 cm

Gewicht:
3.8 Kg

Zuverlässigkeit

MTBF:
364,434 hr (25°C)

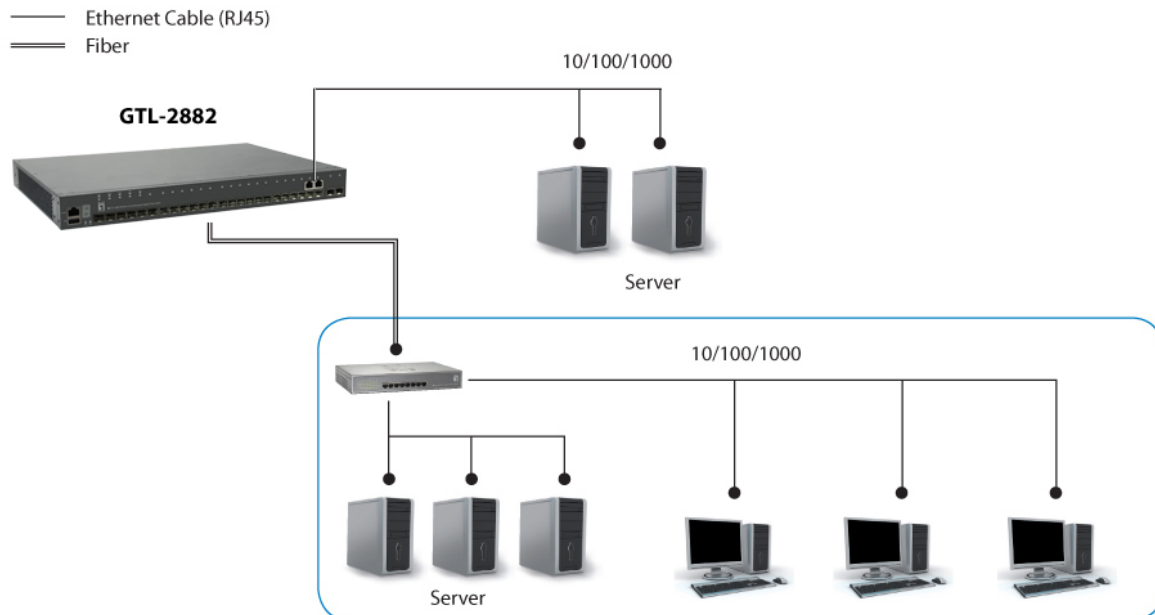
Approval and Compliance

Zertifizierung:
FCC Class A, CE, VCCI

Sicherheit:
CB, UL

Gehäuse:
WEEE, RoHS

Diagramm



Order Information

GTL-2882

Package Contents

GTL-2882
Stromkabel
Konsolenkabel
Quick Installation Guide
Ressource CD (Bedienungsanleitung, QIG)
19" Einbaurahmen
Gummifüße

Zubehör



MDU-0211
2-Port 10G SFP+ Module

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