

Technický list produktu (datasheet): QLGE2861-

Switch L2 řízený 24x10/100/1000T + 4xSFP

24x10/100/1000T + 4xSFP



SCHRACK-Info

The QLGE2861 - is a Layer 2 managed switch designed for the SMB market. The switch can be deployed in different target network topologies. As well as IPv4 and IPv6 features.

The QLGE2861 - includes the best green-saving technologies (IEEE 802.3az and Green-Ethernet). Using the Energy Efficient Ethernet standard, the switch automatically decreases power usage when network traffic is low.

Key-Features

- 24 Gigabit Ethernet ports and 4 Gigabit SFP slots
- IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring
- IEEE 802.3ad LACP for auto port aggregation
- Supports Access Control List (ACL) authentication of up to 512 entries and port-based security with IEEE802.1X
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging
- Supports IPv4/IPv6 network operation
- IEEE 802.1p QoS with 8 priority queues
- Virtual stacking supports up to 36 switches in a single logical stack for unified management, monitoring and management

Technical Data

- Approval and compliance
 - CE, FCC Class A
 - EN 55022 (CISRP 22) Class A
 - EN 61000-3-2/3
 - VCCI

- CSA (CSA 22.2 NO 60950-1 & UL 60950-1)
- CB (IEC/EN60950-1)
- RoHS
- Max. operating humidity
 - 90%
- Max. operating temperature
 - 50°C
- Min. operating humidity
 - 10%
- Acoustic noise
 - 0 dB (A)
- Backplane
 - 56Gbps
- Packet buffer
 - 4.1 Mbits
- Indicators
 - Power
 - Link/Active
- Jumbo frame
 - 10KB
- MAC address table
 - 8K
- RAM size
 - 256MB
- Flash memory size
 - 32MB
- Mount
 - 19" rack mount
- Power supply
 - 100-240 VAC
 - 50-60 Hz
- Chipset
 - MIPS 4Kec 500MHz

Standards

- 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-SX/LX/LHX/ZX Transceivers
- IEEE 802.1p Quality of Service (QoS)
- 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)

Eigenschaften

- Management NTP/SNTP
- System password protection
- Dual Image/Configuration
- Configuration upload/download (HTTP/TFTP/FTP/SFTP)
- Firmware upload/download (HTTP/TFTP/FTP/SFTP)
- Auto Firmware Upgrade
- RMON (groups 1,2,3 and 9)
- SNMP
- SNMP Trap
- SNMP v1/v2c/v3
- SNMP Standard/Private MIB
- Management Access (Console/SNMP/Web /Telnet)
- Memory Flash Log
- Event/Error Log/Syslog
- DHCP v4/v6 Client/DHCP Snooping
- DHCP Snooping Option82
- Dynamic Provision (via Option 66,67)
- DHCP Relay v4 (v6)
- Port Mirroring (One to One) TX/RX (both)
- DNS Client without DNS proxy Flow Control
- IEEE 802.3x for full duplex mode
- Back-pressure for half-duplex mode Spanning Tree Protocol
- 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)
- Loopback Detection
- BDPU Filter/Guard
- BDPU Forward
- Root Guard VLANs
- Supports 4K IEEE 802.1Q VLANs
- Port-Based/MACBased/IEEE802.1v (Protocol-Based VLAN)
- Guest VLAN
- Auto Voice VLAN Link Aggregation
- Static Trunk
- IEEE 802.3ad(802.1ax) Link Aggregation Control Protocol (LACP) IGMP Snooping
- IGMP v1/v2/v3 snooping
- IGMP Filtering/Throttling
- IGMP Queries
- IGMP Immediate leave

- MLD Snooping
 - LLDP/LLDP-MED Green-Saving
 - IEEE 802.3az/Cable Length/No Link Power-Saving
 - Cable Diagnostic
 - Q-in-Q
 - mDNS
 - IP Clustering (Software Stacking) QoS Features
 - Rate Limiting (Ingress/Egress Port-Based): 64 Kbps ~ 1000 Mbps, Resolution 16 Kbps
 - Priority Queues Schedule (WRR/Strict Priority/Hybrid QoS)
 - Port-Based QoS
 - IPv4/IPv6 DSCP
 - DiffServ
 - Auto VoIP
 - 8 HW Queues per port
 - Dynamic QoS Security
 - DDOS Protection
 - CPU Guard (CPU Protection)
 - Port Isolation
 - Port Mirror (One to One, One to Many)
 - Remote Mirror
 - Storm Control
 - Broadcast/Multicast/Unknown Storm Control
 - IEEE 802.1X
 - ACL (Entry: 512)
 - Port Security
 - MAC Filter
 - MAC Authentication
 - Port max count per port
 - Dynamic VLAN Assignment
 - Dynamic ARP Inspection
 - AAA (RADIUS/TACACS+)
 - IP Source Guard
 - SSH v1.5/v2.0
 - SSL v1/v2/v3
 - SSL IPv4/IPv6
 - SFlow (Trace on port - Ingress only)
 - Web Authentication IPv6
 - IPv4/IPv6 Dual Protocol Stack
 - IPv6 Management
 - IPv6 Ping/Trace
 - IPv6 Telnet
 - IPv6 Syslog
 - IPv6 TFTP
 - HTTP over IPv6
 - SNMP over IPv6 L3 Features
 - Static Routing
 - RIP
-
- Product weight
 - 2.2kg
 - Product breadth

- 220mm
- Product depth
 - 44mm
- Product height
 - 440mm
- Color
 - Black
- EAN
 - 4015867198063
- Model number
 - QLGE2861-
- Console RJ45
 - 1
- Gigabit RJ45
 - 24
- Gigabit SFP
 - 4
- Switching capacity
 - 56 Gbps
- Grade
 - Commercial
- Data Rate
 - Gigabit Ethernet
- PoE Supported
 - No
- Manageable
 - Yes
- Fanless
 - Yes
- Concurrent ports
 - Total 28.00
- Series
 - KILBY series
- Power consumption
 - 20W
- Heat dissipation
 - 68,242 (Btu/H)
- MTBF

o 563,826 hrs

Package contents

- QLGE12861-
- Power Cord
- Console Cable
- 19" Rack Mount Kit
- Quick Installation Guide
- Resource CD (User Manual, QIG)

Technické informace

Šířka (netto) (mm)	440,00
Výška (netto) (mm)	44,00
Hloubka (netto) (mm)	220,00
Produkt	Ethernetový přepínač - switch
Rychlost	10/100/1000 Mbps
Portů	28
Instalace	19"

Tabulka objednacích čísel

POPIS	OBJ. ČÍSLO
Switch L2 řízený 24x10/100/1000T + 4xSFP	QLGE12861
24x10/100/1000T + 4xSFP	
Volitelné příslušenství	
SFP modul 1000BaseSX LC Multimode VCSEL 850nm, 550m	QLSFP3001
Pro prvky QL série	
SFP modul 1000BaseLX LC Singlemode 1310nm, 10km	QLSFP3211
Pro prvky QL série	
Montážní sada M6 (šroub, matice, podložka - sada 4ks)	DSSRA004
Propoj. kabel, Cat.6 stíněný, 2xRJ-45, délka 0,5m, barva šedá	H6GLG00K0G
Propojovací kabel, Cat6 stíněný, 2xRJ-45, délka 1m, barva šedá	H6GLG01K0G
Propojovací kabel, Cat6 stíněný, 2xRJ-45, délka 2m, barva šedá	H6GLG02K0G
Propojovací kabel, Cat6 stíněný, 2xRJ-45, délka 3m, barva šedá	H6GLG03K0G
Propojovací kabel, Cat6 stíněný, 2xRJ-45, délka 5m, barva šedá	H6GLG05K0G
Propoj. kabel, Cat.6 stíněný, 2xRJ-45, délka 10m, barva šedá	H6GLG10K0G
Propoj. kabel, Cat.6 stíněný, 2xRJ-45, délka 20m, barva šedá	H6GLG20K0G