

LevelOne 12-Port L3 Managed 10-Gigabit Switch, 8 x 1G/2.5G/5G/10G RJ45, 4 x 1G/2.5G/10G SFP+ Uplinks, 240Gbps Non-Blocking Fabric, 19-Inch Rackmount

Gamintojas: **LEVELONE** · Modelis: **XEL-1291** · EAN: **4015867242988** · Prekės kodas: **674052**



841,91 €

Kaina su PVM

Be PVM: **695,79 €**

Sandėlyje



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ Multi-Gig 10G Connectivity: 8 x 100M/1G/2.5G/5G/10G RJ45 ports and 4 x 1G/2.5G/10G SFP+ uplinks for flexible copper and fiber designs
- ✓ High-Performance Fabric: 240Gbps non-blocking switching capacity and 178.56Mpps forwarding for wire-speed throughput on every port
- ✓ Advanced L3 Routing: Static IPv4/IPv6 routes, RIP v1/v2, OSPF v2 and BGP-4 for scalable inter-VLAN and WAN routing
- ✓ Rich VLAN Segmentation: Supports up to 4K 802.1Q VLANs with QinQ, private, voice, guest and subnet-based VLAN options
- ✓ Strong Security: 802.1X authentication, ACLs, MAC/port limiting and DoS protection to block unauthorized access and attacks
- ✓ Service-Aware QoS: Eight hardware queues per port with SP, WRR and WDRR scheduling to prioritize voice, video and critical services
- ✓ Resilient Architecture: LACP/static trunks, MSTP (64 instances) and ERPS rings for load sharing and sub-second failover
- ✓ Comprehensive Management: Web GUI, console/Telnet/SSH, HTTPS/SSL, SNMP v1/v2c/v3, Syslog and FTP/TFTP for easy deployment and monitoring
- ✓ Rack-Ready Design: 19-inch rack-mount L3 10G switch ideal for SMB cores, campus edge and high-performance workgroups



Aprašymas

The LevelOne XEL-1291 is a high-performance Layer 3 managed 10G Ethernet switch designed for SMB cores, campus edge and high-demand workgroups. It integrates eight 100M/1G/2.5G/5G/10G adaptive RJ45 ports with four 1G/2.5G/10G SFP+ uplinks, delivering flexible copper and fiber connectivity for servers, NAS, access switches and wireless infrastructure in a standard 19-inch rack-mount form factor.

Featuring a non-blocking switching fabric of 240 Gbps and forwarding performance up to 178.56 Mpps, the XEL-1291 provides true wire-speed throughput on every port, even under heavy mixed traffic and jumbo-frame workloads. This makes it ideal for bandwidth-intensive applications such as virtualization, high-speed backup, multimedia production and large file transfers.

The switch delivers full Layer 3 functionality with support for IPv4/IPv6 static routes, RIP v1/v2, OSPF v2 and BGP-4, enabling dynamic and scalable routing between VLANs and upstream networks. Up to 4K IEEE 802.1Q VLANs with QinQ, private, voice, guest and subnet-based options allow precise traffic segmentation for multi-tenant and departmental deployments. IGMP v1/v2/v3 snooping ensures efficient handling of multicast streams such as IPTV and video conferencing.

Enterprise-grade security features include 802.1X port-based authentication, MAC and port limiting, Access Control Lists (ACLs) and DoS protection, helping to prevent unauthorized access and mitigate attacks at the network edge. Eight hardware queues per port with SP, WRR and WDRR scheduling provide service-aware QoS, ensuring that latency-sensitive voice, video and business-critical data receive appropriate priority and guaranteed bandwidth.

For resilience and high availability, the XEL-1291 supports LACP/static link aggregation, MSTP (up to 64 instances) and ERPS ring protection, combining load-balanced bandwidth with sub-second failover. A comprehensive management toolkit—including Web GUI, console/Telnet/SSH CLI, HTTPS/SSL, SNMP v1/v2c/v3, Syslog and FTP/TFTP—simplifies deployment, monitoring, firmware upgrades and ongoing configuration, making the XEL-1291 an efficient and cost-effective 10G upgrade path for modern SMB and edge networks.

Techninė specifikacija

Specifications

Sandėlio grupė Server, Storage & Network > Switches [+2183][-1086]

Management features

Switch type	Managed
Switch layer	L3
Quality of Service (QoS) support	Yes
Web-based management	Yes
System event log	Yes

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity	8
Basic switching RJ-45 Ethernet ports type	10G Ethernet (100/1000/10000)
SFP+ module slots quantity	4
Console port	RJ-45
Power connector	AC-in jack

Network

Networking standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3az, IEEE 802.3ae, IEEE 802.1Q, IEEE 802.1D, IEEE 802.1w, IEEE 802.1s, IEEE 802.3ah, IEEE 802.1ab, IEEE 802.3ad, IEEE 802.3bz, IEEE 802.3z
10G support	Yes
Full duplex	Yes
Flow control support	Yes
Link aggregation	Yes
Broadcast storm control	Yes
Rate limiting	Yes
Spanning tree protocol	Yes
VLAN support	Yes
Optical fiber	
Maximum transfer distance (Multi-mode)	16 m
Data transmission	
Switching capacity	240 Gbit/s
Forwarding rate	178.56 Mpps
Static route	Yes
Jumbo frames support	Yes
Jumbo frames	12000
Security	
DHCP features	DHCP relay, DHCP snooping, DHCP Option 82, DHCP Option 43, DHCP Option 60, DHCP Option 61, DHCP Option 67, DHCP client
IGMP snooping	Yes
IGMP proxy	Yes
Multicast features	
Multicast support	Yes
Multicast Listener Discovery (MLD) snooping	Y
Design	
Rack mounting	Yes
Form factor	1U
Product colour	Black
LED indicators	Yes
Performance	
Mean time between failures (MTBF)	100000 h
Power	

Power source	DC
Power supply included	Yes
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Input current	2 A
Power consumption (max)	48.2 W
Power over Ethernet (PoE)	
Power over Ethernet (PoE)	No
Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 90%
Weight & dimensions	
Width	440 mm
Depth	207 mm
Height	44 mm
Weight	2.5 kg
Packaging content	
Cables included	AC
Quick start guide	Yes
Rack mount kit	Yes
Packaging data	
Package type	Box
Package width	495 mm
Package depth	315 mm
Package height	72 mm
Package weight	3.61 kg
Technical details	
Shipping (inner) case height	34.5 cm
Shipping (inner) case width	50.9 cm
Shipping (inner) case length	38.9 cm
Products per shipping (inner) case	5 pc(s)
Shipping (inner) case gross weight	19 kg

Logistics data

Country of origin	China
Harmonized System (HS) code	8517620000