

LevelOne 8-Port L3 Managed 10-Gigabit Switch, 4 x 1G/2.5G/5G/10G RJ45, 4 x 1G/2.5G/10G SFP+ Uplinks

 Gamintojas: **LEVELONE** · Modelis: **XEL-0891** · EAN: **4015867242971** · Prekės kodas: **674051**


457,90 €

Kaina su PVM

 Be PVM: **378,43 €**

Sandėlyje


Prekė internetu

 Nuskenuokite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ Multi-Gig 10G Edge: 4 x 100M/1G/2.5G/5G/10G RJ45 and 4 x 1G/2.5G/10G SFP+ ports for flexible copper and fiber access or uplinks
- ✓ High Throughput: 160 Gbps non-blocking switching capacity and 119.04 Mpps forwarding for true wire-speed on all ports
- ✓ Advanced L3 Routing: Supports IPv4/IPv6 static routes, RIP v1/v2, OSPF v2 and BGP-4 for dynamic, scalable inter-VLAN and WAN routing
- ✓ Granular Segmentation: Up to 4K 802.1Q VLANs with QinQ, private, voice, guest and subnet-based VLAN options for fine-grained traffic separation
- ✓ Enterprise-Grade Security: 802.1X authentication, ACLs, MAC/port limiting and DoS protection to defend against unauthorized access and attacks
- ✓ Service-Aware QoS: Eight hardware queues per port with SP, WRR and WDRR scheduling to prioritize voice, video and business-critical traffic
- ✓ Resilient Uplinks: LACP/static link aggregation, MSTP and ERPS ring support deliver load balancing 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
- ✓ Ideal For: SMB cores, high-performance workgroups and edge aggregation needing cost-effective 10G Layer 3 switching



Aprašymas

The LevelOne XEL-0891 is a high-performance Layer 3 Managed 10-Gigabit Switch designed for SMB cores, high-end workgroups and edge aggregation. It combines four 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.

With a non-blocking switching fabric of 160 Gbps and forwarding performance up to 119.04 Mpps, the XEL-0891 maintains wire-speed throughput on every port, even with jumbo frames and mixed traffic loads. This makes it ideal for bandwidth-intensive applications such as virtualization, 4K/8K media workflows, backup, and high-speed storage access.

The switch supports a rich set of Layer 3 routing capabilities, including IPv4/IPv6 static routes, RIP v1/v2, OSPF v2 and BGP-4, enabling dynamic, 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, departmental or service-based designs.

To protect critical assets, the XEL-0891 integrates advanced security features such as 802.1X port-based authentication, MAC and port limiting, Access Control Lists (ACLs) and DoS attack protection. These controls help prevent unauthorized access, mitigate threats at the edge and enforce consistent security policies across the network.

Quality of Service (QoS) is handled by eight hardware queues per port with SP, WRR and WDRR scheduling, ensuring latency-sensitive services like voice, video conferencing and key business applications receive prioritized bandwidth. Link aggregation via LACP or static trunks, coupled with MSTP and ERPS ring protection, delivers load-balanced bandwidth and rapid failover for high availability.

For management, the XEL-0891 offers a comprehensive toolkit including Web GUI, console/Telnet/SSH CLI, HTTPS/SSL, SNMP v1/v2c/v3, Syslog and FTP/TFTP for firmware and configuration management. This flexible management framework simplifies deployment, monitoring and maintenance, making the XEL-0891 an efficient, cost-effective 10G upgrade path for modern SMB and campus 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	4
Basic switching RJ-45 Ethernet ports type	10G Ethernet (100/1000/10000)
SFP+ module slots quantity	4
Console port	RJ-45
Power connector	DC-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
Data transmission	
MAC address table	16000 entries
Switching capacity	160 Gbit/s
Forwarding rate	119.04 Mpps
Static route	Yes
Jumbo frames support	Yes
Jumbo frames	12000
Packet buffer memory	12 MB
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	
Form factor	Desktop
Product colour	Grey
LED indicators	Yes
Performance	
Mean time between failures (MTBF)	50000 h
Power	
Power source	DC

Power supply included	Yes
DC input voltage	12 V
Input current	3 A
Power consumption (max)	29.6 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	220 mm
Depth	130 mm
Height	37.8 mm
Weight	1.1 kg
Packaging content	
Cables included	LAN (RJ-45) to DB9
Quick start guide	Yes
Packaging data	
Package type	Box
Package width	310 mm
Package depth	200 mm
Package height	80 mm
Package weight	1.5 kg
Technical details	
Shipping (inner) case height	21.8 cm
Shipping (inner) case width	42.3 cm
Shipping (inner) case length	32.3 cm
Products per shipping (inner) case	5 pc(s)
Shipping (inner) case gross weight	8.5 kg
Logistics data	
Country of origin	China
Harmonized System (HS) code	8517620000

Matmenys ir svoris

Svoris	1,60kg
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