Zyxel XMG2230-52HP Managed L2/L3 2.5G Ethernet (100/1000/2500) Power over Ethernet (PoE) 1U Black

Gamintojas: **ZYXEL** · Modelis: **XMG2230-52HP-ZZ0101F** · EAN: **4718937645336** · Prekės kodas: **658367**

1 961,89 €

Kaina su PVM

Be PVM: **1 621,40 €**

Sandėlyje

Prekė internetu
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Pagrindinės savybės

- ✓ Managed L2/L3
- ✓ Quality of Service (QoS) support Configuring Location Settings (CLI)
- ✓ Basic switching RJ-45 Ethernet ports quantity: 48 Console port: RJ-45/USB Type-C
- ✓ 10G support 2.5GBASE-T, 100BASE-T, 1000BASE-T
- ✓ MAC address table: 32000 entries Switching capacity: 224 Gbit/s
- ✓ 1U Rack mounting Stackable
- ✓ AC/PoE Power supply included Power over Ethernet (PoE)

Aprašymas

Flexible Multi-Gig port configuration for diversified deployments
The XMG2230-28HP offers PoE-capable 2.5G Multi-Gig ports, while the XMG2230-52HP provides a mix of 1G and 2.5G PoE ports. Both models include four 10G SFP+ fiber uplinks for high-speed connectivity. The 52-port model’s port mix enables efficient bandwidth allocation based on device needs, balancing cost and performance for scalable, future-proof networks.

Dual power for always-on connectivity
The XMG2230 Series is designed with superior network resiliency in mind, featuring dual power sources: an internal AC input as the primary source

and an optional DC input for connection to an external DC power system. This active-standby power redundancy enables automatic switchover to backup power if the main AC source fails. The dual power design helps prevent unexpected outages and ensures stable, 24/7 connectivity.

High-power, adaptive PoE for modern business devices
The XMG2230-28HP supports PoE++ on all ports, while the XMG2230-52HP offers a mix of PoE+ and PoE++ for greater deployment flexibility. The series provides adaptive PoE power budget with either internal AC power 700W (28HP)/960W (52HP) or external DC power system 1440W (28HP)/2400W (52HP). It is built for higher capacity, improved efficiency, and reliable operation in demanding environments such as high-performance WiFi, video conferencing, IP surveillance, thin/zero clients, smart building, IoT, and AV applications.

Segment your network
more effectively for security
Designed for SME networks, this series of switches supports full L2 feature sets such as VLAN, ACL, port aggregation, and mirroring, along with advanced security to keep your business protected. It also provides essential L3 access features for converged voice, video, and data. With support for static routing, the switches ensure efficient traffic flows across your network, while the built-in DHCP server simplifies device onboarding and reduces IT overhead.

Click. Tap. Done.
Get up and running in minutes with the Nebula mobile app. With just a few simple clicks, our user-friendly step-by-step wizard walks you through the entire installation process, no technical expertise required.

Once connected, the intuitive interface gives you complete control, making it easy to adjust settings, monitor performance and manage your network anytime, anywhere.

Search: Zyxel Nebula Mobile

Powerful, effortless and
scalable connectivity.
With Nebula, you can manage your entire network – wireless, switching, security and LTE/5G – through a single centralized cloud platform. Deploy and configure devices quickly and remotely, without the need for extra hardware controllers or software.

Whether you're managing one site or many, Nebula delivers real-time monitoring, instant alerts and complete network visibility – anytime, anywhere.

Scale confidently, simplify operations and stay secure – all through one intuitive platform.

Dedicated networked
AV mode
The Networked AV mode in standalone mode simplifies deployment with an intuitive setup wizard and AI-driven auto-configuration. A visual dashboard highlights key AV settings like IGMP, while a simplified menu streamlines management. With high performance plus built-in Dante and AES67 profile support, the XMG2230 ensures smooth, reliable AVoIP streaming for professional AV environments.

Techninė specifikacija

Specifications	
Sandėlio grupė	Server, Storage & Netzwerk > Switche [+1398][-565]
Management features	
Switch type	Managed
Switch layer	L2/L3

Quality of Service (QoS) support	Yes
Cloud-managed	Yes
ARP inspection	Yes
Configuring Location Settings (CLI)	Yes
Ports & interfaces	
Basic switching RJ-45 Ethernet ports quantity	48
Basic switching RJ-45 Ethernet ports type	2.5G Ethernet (100/1000/2500)
SFP+ module slots quantity	4
Console port	RJ-45/USB Type-C
Network	
Networking standards	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1ad, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3an, IEEE 802.3at, IEEE 802.3az, IEEE 802.3bt, IEEE 802.3bz, IEEE 802.3x, IEEE 802.3z
10G support	Yes
Copper ethernet cabling technology	2.5GBASE-T, 100BASE-T, 1000BASE-T
Port mirroring	Yes
Policy-based routing	Yes
Routing entries	64
Broadcast storm control	Yes
Rate limiting	Yes
Virtual LAN features	IP subnet–based VLAN, Policy-based VLAN, Port-based VLAN, Private VLAN, Protocol-based VLAN, Voice VLAN
Data transmission	
MAC address table	32000 entries
Switching capacity	224 Gbit/s
Forwarding rate	166.6 Mpps
Static route	Yes
Number of static routes	4000
Number of IP interfaces	32
Jumbo frames support	Yes
Jumbo frames	12
Packet buffer memory	2 MB
Security	
DHCP features	DHCP Option 60, DHCP Option 82, DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 relay, DHCPv6 snooping

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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IGMP snooping	Yes
IGMP proxy	Yes
Security algorithms	SNMP, SNMPv2, SNMPv3
Static port security	Yes
SSH/SSL support	Yes
BPDU filtering/protection	Yes
IP-MAC-Port binding	Yes
Authentication	Guest VLAN, MAC-based authentication
Authentication type	IEEE 802.1x, NAC SSH V2.0, RADIUS, TACACS+
Multicast features	
Multicast support	Yes
Protocols	
GARP VLAN Registration Protocol (GVRP)	Yes
IPv4 & IPv6 features	Dual stack IPv4/IPv6, ICMPv6, IPv6 Path MTU Discovery, IPv6 Telnet
Design	
Rack mounting	Yes
Stackable	Yes
Form factor	1U
Product colour	Black
LED indicators	Yes
Performance	
Internal memory	1000 MB
Flash memory	64 MB
Noise level	63.76 dB
Mean time between failures (MTBF)	401112.3 h
Power	
Power source	AC/PoE
Power supply included	Yes
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
DC input voltage	50 - 57 V
Power consumption (max)	2525 W
Power over Ethernet (PoE)	
Power over Ethernet (PoE)	Yes

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Power over Ethernet (PoE) type supported	PoE+, PoE++ (4PPoE)
Total Power over Ethernet (PoE) budget	2400 W
Operational conditions	
Operating temperature (T-T)	-20 - 50 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	5 - 95%
Storage relative humidity (H-H)	5 - 95%
Heat dissipation	4153.7 BTU/h
Weight & dimensions	
Width	441 mm
Depth	330 mm
Height	44 mm
Weight	5.03 kg
Packaging data	
Package width	580 mm
Package depth	503 mm
Package height	95 mm
Package weight	7.33 kg
Certificates	
Compliance certificates	BSMI, Low Voltage Directive (LVD), RoHS
Certification	FCC Part 15 (Class A) CE EMC (Class A) BSMI EMC
Matmenys ir svoris	
Matmenys (I × P × A)	10,00cm × 10,00cm × 10,00cm
Svoris	6,79kg

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