ZYXEL

Zyxel XMG2230-28HP Managed L2/L3 2.5G Ethernet (100/1000/2500) Power over Ethernet (PoE) 1U Schwarz





Marke : Zyxel

Artikel-Code: XMG2230-28HP-ZZ0101F

Produktname : XMG2230-28HP

Zyxel XMG2230-28HP. Switch-Typ: Managed, Switch-Ebene: L2/L3. Basic Switching RJ-45 Ethernet Ports-Typ: 2.5G Ethernet (100/1000/2500), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 24, Konsolen-Port: RJ-45/USB Type-C. MAC-Adressentabelle: 32000 Eintragungen, Routing-/Switching-Kapazität: 200 Gbit/s. Netzstandard: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1ad, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE.... DC input Spannung: 50 - 57 V. Power over Ethernet (PoE). Rack-Einbau, Formfaktor: 1U

Management-Funktionen	
Switch-Typ *	Managed
Switch-Ebene	L2/L3
Quality of Service (QoS) Support	✔
Cloud-verwaltet	✔
ARP-Inspektion	✔
Konfiguration der Standorteinstellungen (CLI)	✔

Anschlüsse und Schnittstellen	
Anzahl der basisschaltenden RJ-45 Ethernet Ports *	24
Basic Switching RJ-45 Ethernet Ports-Typ *	2.5G Ethernet (100/1000/2500)
Menge Modul-Steckplätze SFP+	4
Konsolen-Port	RJ-45/USB Type-C

Netzwerk	
Netzstandard *	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-Unterstützung *	✔
Kupfer Ethernet Verkabelungstechnologie	2.5GBASE-T, 100BASE-T, 1000BASE-T
Port-Spiegelung	✔
Richtlinienbasiertes Routing	✔
Routing Eingänge	64
Broadcast-Sturmkontrolle	✔
Ratenbeschränkung	✔
Virtuelle LAN-Funktionen	IP subnet–based VLAN, Policy-based VLAN, Port-based VLAN, Private VLAN, Protocol-based VLAN, Voice VLAN

Datenübertragung	
Routing-/Switching-Kapazität *	200 Gbit/s
Transferrate	148,8 Mpps
MAC-Adressentabelle *	32000 Eintragungen
Statische Route	✔

Protokolle	
GARP VLAN Registration Protocol (GVRP)	✔
IPv4 & IPv6-Funktionen	Dual stack IPv4/IPv6, ICMPv6, IPv6 Path MTU Discovery, IPv6 Telnet

Design	
Rack-Einbau *	✔
Stapelbar *	✔
Formfaktor	1U
Produktfarbe	Schwarz
LED-Anzeigen	✔

Leistungen	
Speicherkapazität	1000 MB
Flash-Speicher	64 MB
Geräuschpegel	48,85 dB
Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	554612,62 h

Energie	
Energiequelle *	AC/PoE
Netzteil enthalten *	✔
AC Eingangsspannung	100 - 240 V
AC Eingangsfrequenz	50/60 Hz
DC input Spannung	50 - 57 V
Stromverbrauch (max.)	1519,1 W

Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✔
Power-over-Ethernet (PoE)-Typ unterstützt	PoE++ (4PPoE)
Gesamtleistung Power over Ethernet (PoE)	1440 W

Betriebsbedingungen	
Betriebstemperatur	-20 - 50 °C
Temperaturbereich bei Lagerung	-40 - 70 °C
Relative Luftfeuchtigkeit in Betrieb	5 - 95%
Luftfeuchtigkeit bei Lagerung	5 - 95%
Wärmeableitung	2856 BTU/h

Gewicht und Abmessungen	
Breite	441 mm

Datenübertragung	
Anzahl der statischen Routen	4000
Anzahl IP-Schnittstellen	32
Jumbo Frames Unterstützung	✔
Jumbo-Frames	12
Datenpaket-Pufferspeicher	2 MB

Sicherheit	
DHCP-Funktionen	DHCP Option 60, DHCP Option 82, DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 relay, DHCPv6 snooping
IGMP-Snooping	✔
IGMP-Proxy	✔
Unterstützte Sicherheitsalgorithmen	SNMP, SNMPv2, SNMPv3
Statische Anschlusssicherheit	✔
SSH-/SSL-Unterstützung	✔
BPDU-Filterung/Schutz	✔
IP-MAC-Portbindung	✔
Authentifizierung	Gast VLAN, MAC-basierte Authentifizierung
Autentifizierungstyp	IEEE 802.1x, NAC SSH V2.0, RADIUS, TACACS+

Multicast-Funktionen	
Multicast Unterstützung	✔

Gewicht und Abmessungen	
Tiefe	330 mm
Höhe	44 mm
Gewicht	4,53 kg

Verpackungsdaten	
Verpackungsbreite	580 mm
Verpackungstiefe	503 mm
Verpackungshöhe	95 mm
Paketgewicht	6,81 kg

Zertifikate	
Konformitätsbescheinigungen	BSMI, Niederspannungsrichtlinie (LVD), RoHS
Zertifizierung	FCC Part 15 (Class A) CE EMC (Class A) BSMI EMC

4718937645312

Catalog Object Cloud

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.

Publication date: 03-OCT-2026. Prints or copies of Information are only valid on the printed Publication date