ZYXEL

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





Marke : Zyxel **Artikel-Code:** XMG2230-52HP-ZZ0101F

Produktname : XMG2230-52HP

Zyxel XMG2230-52HP. 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: 48, Konsolen-Port: RJ-45/USB Type-C. MAC-Adressentabelle: 32000 Eintragungen, Routing-/Switching-Kapazität: 224 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 *	48
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 *	224 Gbit/s
Transferrate	166,6 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	63,76 dB
Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	401112,3 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.)	2525 W

Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✔
Power-over-Ethernet (PoE)-Typ unterstützt	PoE+, PoE++ (4PPoE)
Gesamtleistung Power over Ethernet (PoE)	2400 W

Betriebsbedingungen	
Betriebstemperatur	-20 - 50 °C
Temperaturbereich bei Lagerung	-40 - 70 °C
Relative Luftfeuchtigkeit in Betrieb	5 - 95%
Luftfeuchtigkeit bei Lagerung	5 - 95%
Wärmeableitung	4153,7 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	5,03 kg

Verpackungsdaten	
Verpackungsbreite	580 mm
Verpackungstiefe	503 mm
Verpackungshöhe	95 mm
Paketgewicht	7,33 kg

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

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Catalog Object Cloud

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