

ZYXEL

Zyxel XGS2220-54HP Managed L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE)

Brand : Zyxel

Product code: XGS2220-54HP-EU0101F

Product name : XGS2220-54HP

GbE L3 Access Switch with 6 10G Uplink

Zyxel XGS2220-54HP. Switch type: Managed, Switch layer: L3. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 48, Installed SFP+ modules quantity: 4. MAC address table: 32000 entries, Switching capacity: 216 Gbit/s. Networking standards: IEEE 802.3ab, IEEE 802.3bt, IEEE 802.1ab, IEEE 802.3ad, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3an,..... Power over Ethernet (PoE). Rack mounting



Management features		Protocols	
Switch type *	Managed	GARP VLAN Registration Protocol (GVRP)	✓
Switch layer	L3	Design	
Quality of Service (QoS) support	✓	Rack mounting *	✓
ARP inspection	✓	Performance	
Ports & interfaces		Internal memory	1024 MB
Basic switching RJ-45 Ethernet ports quantity *	48	Flash memory	64 MB
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Mean time between failures (MTBF)	214.388 h
10G Ethernet (copper) ports quantity	2	Power	
Installed SFP+ modules quantity *	4	Power source *	AC
Network		Power supply included *	✓
Networking standards *	IEEE 802.3ab, IEEE 802.3bt, IEEE 802.1ab, IEEE 802.3ad, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3an, IEEE 802.1p, IEEE 802.1s, IEEE 802.3x, IEEE 802.3at, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.1w, IEEE 802.3az, IEEE 802.1x	AC input voltage	100 - 240 V
		AC input frequency	50 - 60 Hz
		Power consumption (max)	754.11 W
		Power over Ethernet (PoE)	
		Power over Ethernet (PoE) *	✓
10G support *	✓	Power over Ethernet (PoE) ports quantity	50
Routing entries	64	Total Power over Ethernet (PoE) budget	600 W
Data transmission		Operational conditions	
Switching capacity *	216 Gbit/s	Operating temperature (T-T)	-20 - 50 °C
Forwarding rate	161 Mpps	Storage temperature (T-T)	-40 - 70 °C
MAC address table *	32000 entries	Operating relative humidity (H-H)	10 - 95%
Jumbo frames support	✓	Storage relative humidity (H-H)	10 - 90%
Packet buffer memory	2 MB	Heat dissipation	2571.52 BTU/h
Security		Weight & dimensions	
DHCP features	DHCP relay, DHCP server	Width	441 mm
IGMP snooping	✓	Depth	330 mm
IGMP proxy	✓	Height	44 mm
		Weight	5 kg

Security

Authentication type	IEEE 802.1x, RADIUS, TACACS+
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Multicast features

Multicast Listener Discovery (MLD) snooping	MLD v1/v2
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