

ZYXEL

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

Brand : Zyxel

Product code: XGS2220-54FP-EU0101F

Product name : XGS2220-54FP

GbE L3 Access Switch with 6 10G Uplink

Zyxel XGS2220-54FP. 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		
Quality of Service (QoS) support	✓		
ARP inspection	✓		
Ports & interfaces		Design	
Basic switching RJ-45 Ethernet ports quantity *	48	Rack mounting *	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)		
10G Ethernet (copper) ports quantity	2		
Installed SFP+ modules quantity *	4		
Network		Performance	
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	Internal memory	1024 MB
10G support *	✓	Flash memory	64 MB
Routing entries	64	Mean time between failures (MTBF)	298.735 h
Data transmission		Power	
Switching capacity *	216 Gbit/s	Power source *	AC
Forwarding rate	161 Mpps	Power supply included *	✓
MAC address table *	32000 entries	AC input voltage	100 - 240 V
Jumbo frames support	✓	AC input frequency	50 - 60 Hz
Packet buffer memory	2 MB	Power consumption (max)	1161.6 W
		Power over Ethernet (PoE)	
		Power over Ethernet (PoE) *	✓
		Power over Ethernet (PoE) ports quantity	50
		Total Power over Ethernet (PoE) budget	960 W
		Operational conditions	
		Operating temperature (T-T)	-20 - 50 °C
		Storage temperature (T-T)	-40 - 70 °C
		Operating relative humidity (H-H)	10 - 95%
		Storage relative humidity (H-H)	10 - 90%
		Heat dissipation	195.43 BTU/h

Security		Weight & dimensions	
DHCP features	DHCP relay, DHCP server	Width	441 mm
IGMP snooping	✓	Depth	330 mm
IGMP proxy	✓	Height	44 mm
Authentication type	IEEE 802.1x, RADIUS, TACACS+	Weight	5 kg
Multicast features			
Multicast Listener Discovery (MLD) snooping	MLD v1/v2		



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