## 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



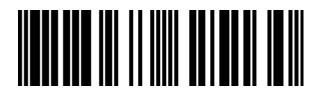


Switch type * Man Switch layer L3 Quality of Service (QoS) support	0	GARP VLAN Registration Protocol	
Quality of Service (QoS) support	)	(GVRP)	1
()		Design	
ARP inspection		Rack mounting *	✓
Ports & interfaces		Performance	
Basic switching RJ-45 Ethernet ports $$_{\mbox{48}}$$ quantity *		Internal memory Flash memory	1024 MB 64 MB
Basic switching RJ-45 Ethernet ports Gig type *	gabit Ethernet (10/100/1000)	Mean time between failures (MTBF)	298.735 h
10G Ethernet (copper) ports		Power	
quantity		Power source *	AC
Installed SFP+ modules quantity * 4		Power supply included *	1
Network		AC input voltage	100 - 240 V
	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 802.1p, IEEE 802.1Q, IEEE 802.1w, IEEE 802.3az, IEEE 802.1x	AC input frequency	50 - 60 Hz
		Power consumption (max)	1161.6 W
Networking standards * 802		Power over Ethernet (PoE)	
		Power over Ethernet (PoE) *	1
		Power over Ethernet (PoE) ports quantity	50
10G support *		Total Power over Ethernet (PoE)	960 W
Routing entries 64	ļ	budget	
Data transmission		Operational conditions	
Switching capacity * 216	L6 Gbit/s	Operating temperature (T-T)	-20 - 50 °C
Forwarding rate 161	51 Mpps	Storage temperature (T-T)	-40 - 70 °C
MAC address table * 320	2000 entries	Operating relative humidity (H-H)	10 - 95%
Jumbo frames support		Storage relative humidity (H-H) Heat dissigation	10 - 90%
Packet buffer memory 2 M	tet buffer memory 2 MB		195.43 BTU/h

Security		Weight & dimensions	
DHCP features	DHCP relay, DHCP server	Width	441 mm
IGMP snooping	1	Depth	330 mm
IGMP proxy	1	Height	44 mm
Authentication type	IEEE 802.1x, RADIUS, TACACS+	Weight	5 kg

## Multicast features

Multicast Listener Discovery (MLD) MLD v1/v2 snooping



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