

ZYXEL

## Zyxel XGS2220-54 Managed L3 Gigabit Ethernet (10/100/1000)

Brand : Zyxel

Product code: XGS2220-54-EU0101F

Product name : XGS2220-54

GbE L3 Access Switch with 6 10G Uplink

Zyxel XGS2220-54. 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 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE.... Rack mounting



Management features		Multicast features	
Switch type *	Managed	Multicast Listener Discovery (MLD) snooping	MLD v1/v2
Switch layer	L3	<b>Protocols</b>	
Quality of Service (QoS) support	✓	GARP VLAN Registration Protocol (GVRP)	✓
ARP inspection	✓	<b>Design</b>	
<b>Ports &amp; interfaces</b>		Rack mounting *	✓
Basic switching RJ-45 Ethernet ports quantity *	48	<b>Performance</b>	
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Internal memory	1024 MB
10G Ethernet (copper) ports quantity	2	Flash memory	64 MB
Installed SFP+ modules quantity *	4	Mean time between failures (MTBF)	298.735 h
<b>Network</b>		<b>Power</b>	
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3ae, IEEE 802.3an, IEEE 802.3az, IEEE 802.3x, IEEE 802.3z	Power source *	AC
10G support *	✓	Power supply included *	✓
Routing entries	64	AC input voltage	100 - 240 V
<b>Data transmission</b>		AC input frequency	50 - 60 Hz
Switching capacity *	216 Gbit/s	Power consumption (max)	57.31 W
Forwarding rate	161 Mpps	<b>Power over Ethernet (PoE)</b>	
MAC address table *	32000 entries	Power over Ethernet (PoE) *	✗
Jumbo frames support	✓	<b>Operational conditions</b>	
Packet buffer memory	2 MB	Operating temperature (T-T)	-20 - 50 °C
<b>Security</b>		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	270 mm
IGMP proxy	✓	Height	44 mm
Security algorithms	SNMP, SNMPv2, SNMPv3	Weight	3.85 kg
Authentication type	IEEE 802.1x, RADIUS, TACACS+		



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