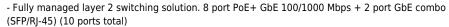
Zyxel GS2220-10HP Managed L2 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black

Brand : Zyxel **Product code:** GS2220-10HP-GB0101F

Product name: GS2220-10HP



- 180W PoE+ (802.3af/ 802.3at) power budget with intuitive 5-segment PoE indicator which gives quick view of current PoE usage
- NebulaFlex Pro gives you the flexibility to switch between standalone and intuitive Nebula cloud managed mode with 1-Year Pro Pack bundled
- L2 multicast, IGMP snooping, MVR and voice VLAN for convergence. Enhanced network protection with IP source guard, DHCP Snooping, ARP inspection, CPU protection
- Smart fan design delivers whisper-silent operation GS2220-10HP,GB region,8-port GbE L2 PoE Switch with GbE Uplink (1 year NCC Pro pack license bundled)





Management features		Design	
Switch type *	Managed	Rack mounting *	✓
Switch layer	L2	Product colour	Black
Quality of Service (QoS) support Web-based management	√	Certification	LVD, BSMI FCC 15 A, CE EMC A, BSMI ENC RoHS A
Configuring Location Settings (CLI)	✓	Performance	
System event log	1	Internal memory	256 MB
Ports & interfaces		Flash memory	32 MB
Basic switching RJ-45 Ethernet ports	10	Noise level	41 dB
quantity *	10	Firmware upgradeable	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Mean time between failures (MTBF)	587477 h
Combo SFP ports quantity	2	Power	
Network		AC input voltage	100 - 240 V
Network		AC input frequency	50 - 60 Hz
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 802.3af, IEEE 802.3az,	Power consumption (max)	210.8 W
		Power over Ethernet (PoE)	
		Power over Ethernet (PoE) *	1
	IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Power over Ethernet (PoE) ports quantity	8
10G support *	×	Total Power over Ethernet (PoE)	180 W
Copper ethernet cabling technology	10BASE-TX, 1000BASE-T	budget	100 **
Flow control support	✓	Operational conditions	
Link aggregation	1	Operating temperature (T-T)	0 - 50 °C
Broadcast storm control	✓	Storage temperature (T-T)	-40 - 70 °C
Rate limiting	✓	Operating relative humidity (H-H)	10 - 95%
Spanning tree protocol	✓	Storage relative humidity (H-H)	10 - 95%
VLAN support	✓	Heat dissipation	718.828 BTU/h
Virtual LAN features	Port-based VLAN, Private VLAN, Protocol-based VLAN, Voice VLAN	Weight & dimensions	
Data transmission		Width	267 mm
Switching capacity *	20 Gbit/s	Depth	162 mm
Forwarding rate	15 Mpps	Height	44 mm
MAC address table *	16000 entries	Weight	1.8 kg

Data transmission		Packaging data	
Packet buffer memory	1.5 MB	Cables included	AC
Security		Package width Package depth	375 mm 235 mm
DHCP features	DHCP client, DHCP relay, DHCP snooping, DHCPv6 client, DHCPv6 relay	Package depth Package height Package weight	61 mm 2.7 kg
Access Control List (ACL)	✓ ✓ SNMP, SNMPv2, SNMPv3, SSH-2, SSL/TLS	Logistics data	
IGMP snooping		Harmonized System (HS) code	85176990
Security algorithms			
MAC address filtering	✓		
Authentication	Guest VLAN, MAC-based authentication		
Authentication type	IEEE 802.1x, RADIUS		
Multicast features			
Multicast support	✓		



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