ZYXEL

Zyxel GS2220-28HP Managed L2 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black

Brand : Zyxel

Product code: GS2220-28HP-GB0101F

Product name : GS2220-28HP

- NebulaFlex Pro allows users to switch between standalone management and intuitive Nebula cloud managed mode with 1-Year Pro Pack bundled
- L2 multicast, IGMP snooping, MVR and voice VLAN for convergence
- High power budget of 375 W (28HP/52HP) and 180 W (10HP) within its compact case design simplifying rack installation
- Smart fan and fanless designs offer near silent operations in both desktop and rack-mount environment
- Check real-time status intuitively by cloud and PoE LED indicators

GS2220-28HP,GB region,24-port GbE L2 PoE Switch with GbE Uplink (1 year NCC Pro pack license bundled)

Zyxel GS2220-28HP. Switch type: Managed, Switch layer: L2. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 24. MAC address table: 16000 entries, Switching capacity: 56 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.... Power over Ethernet (PoE). Rack mounting

Management features	
Switch type *	Managed
Switch layer	L2
Quality of Service (QoS) support	✓
Web-based management	✓
Configuring Location Settings (CLI)	✓
System event log	✓

Ports & interfaces	
Basic switching RJ-45 Ethernet ports quantity *	24
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)
Combo SFP ports quantity	4

Network	
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 802.3at, IEEE 802.3az, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
10G support *	✗
Copper ethernet cabling technology	10BASE-TX, 1000BASE-T
Flow control support	✓
Link aggregation	✓
Broadcast storm control	✓
Rate limiting	✓
Spanning tree protocol	✓
VLAN support	✓
Virtual LAN features	Port-based VLAN, Private VLAN, Protocol-based VLAN, Voice VLAN

Data transmission	
Switching capacity *	56 Gbit/s
Forwarding rate	42 Mpps
MAC address table *	16000 entries

Design	
Rack mounting *	✓
Product colour	Black
Certification	LVD, BSMI FCC 15 A, CE EMC A, BSMI ENC RoHS A

Performance	
Internal memory	256 MB
Flash memory	32 MB
Noise level	49.8 dB
Firmware upgradeable	✓
Mean time between failures (MTBF)	693245 h

Power	
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power consumption (max)	463.5 W

Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✓
Power over Ethernet (PoE) ports quantity	24
Total Power over Ethernet (PoE) budget	375 W

Operational conditions	
Operating temperature (T-T)	0 - 50 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 95%
Storage relative humidity (H-H)	10 - 95%
Heat dissipation	1580.535 BTU/h

Weight & dimensions	
Width	441 mm
Depth	270 mm
Height	44 mm
Weight	3.8 kg

Data transmission	
Packet buffer memory	1.5 MB

Security	
DHCP features	DHCP client, DHCP relay, DHCP snooping, DHCPv6 client, DHCPv6 relay
Access Control List (ACL)	✓
IGMP snooping	✓
Security algorithms	SNMP, SNMPv2, SNMPv3, SSH-2, SSL/TLS
MAC address filtering	✓
Authentication	Guest VLAN, MAC-based authentication
Authentication type	IEEE 802.1x, RADIUS

Multicast features	
Multicast support	✓

Packaging data	
Cables included	AC
Package width	616 mm
Package depth	355 mm
Package height	107 mm
Package weight	4.97 kg

Logistics data	
Harmonized System (HS) code	85176990

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Publication date: 21-APR-2023. Prints or copies of Information are only valid on the printed Publication date