ZYXEL

Zyxel GS1920-8HPv2 Managed L2/L3/L4 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black

Brand : Zyxel **Product code:** GS1920-8HPV2-GB0101F

Product name: GS1920-8HPv2

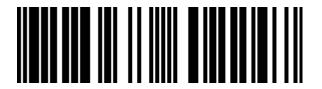
8-port GbE Smart Managed PoE Switch 2xRJ-45/SFP, 20 Gbps, 267 x 162 x 44mm, 1.9kg Zyxel GS1920-8HPv2. Switch type: Managed, Switch layer: L2/L3/L4. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 8. MAC address table: 16000 entries, Switching capacity: 20 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). Wall mountable





Management features		Security	
Switch type * Switch layer	Managed L2/L3/L4	Queue scheduling algorithms	Strict Priority Queue (SPQ), WFQ, Weighted Round Robin (WRR)
Quality of Service (QoS) support	✓	Multicast features	
Web-based management	✓	Multicast support	✓
Cloud-managed ARP inspection	4	Protocols	
System event log	y	Management protocols	SNMP v1, v2c, v3
MIB support	1	Design	
Ports & interfaces		Product colour	Black
Basic switching RJ-45 Ethernet ports		Reset button	✓
quantity *	8	LED indicators	✓
Basic switching RJ-45 Ethernet ports	Gigabit Ethernet (10/100/1000)	Wall mountable	✓
type *		Number of fans	0 fan(s)
Combo SFP ports quantity Network	2	Electromagnetic compatibility	FCC Part 15 (Class A), CE EMC (Class A), BSMI ENC
	IEEE 802.1D, IEEE 802.1Q, IEEE	Performance	
Networking standards *	802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ad, IEEE	Internal memory Flash memory	256 MB 32 MB
	802.3af, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Fanless Mean time between failures (MTRF)	√ 513985 h
10G support *		Mean time between failures (MTBF)	•
''	IEEE 802.3x, IEEE 802.3z	Mean time between failures (MTBF) Power	513985 h
Port mirroring Policy-based routing	IEEE 802.3x, IEEE 802.3z	Mean time between failures (MTBF) Power Power source *	513985 h AC
Port mirroring Policy-based routing Flow control support	IEEE 802.3x, IEEE 802.3z	Mean time between failures (MTBF) Power Power source * AC input voltage	513985 h AC 100 - 240 V
Port mirroring Policy-based routing Flow control support Broadcast storm control	IEEE 802.3x, IEEE 802.3z	Mean time between failures (MTBF) Power Power source * AC input voltage AC input frequency	AC 100 - 240 V 50 - 60 Hz
Port mirroring Policy-based routing Flow control support Broadcast storm control Rate limiting	IEEE 802.3x, IEEE 802.3z	Mean time between failures (MTBF) Power Power source * AC input voltage AC input frequency Power consumption (max)	513985 h AC 100 - 240 V
Port mirroring Policy-based routing Flow control support Broadcast storm control Rate limiting Spanning tree protocol	IEEE 802.3x, IEEE 802.3z	Mean time between failures (MTBF) Power Power source * AC input voltage AC input frequency Power consumption (max) Power over Ethernet (PoE)	AC 100 - 240 V 50 - 60 Hz 161.8 W
Port mirroring Policy-based routing Flow control support Broadcast storm control Rate limiting Spanning tree protocol Ethernet LAN data rates	IEEE 802.3x, IEEE 802.3z	Mean time between failures (MTBF) Power Power source * AC input voltage AC input frequency Power consumption (max) Power over Ethernet (PoE) Power over Ethernet (PoE) *	AC 100 - 240 V 50 - 60 Hz
Policy-based routing Flow control support Broadcast storm control Rate limiting Spanning tree protocol Ethernet LAN data rates VLAN support	IEEE 802.3x, IEEE 802.3z	Mean time between failures (MTBF) Power Power source * AC input voltage AC input frequency Power consumption (max) Power over Ethernet (PoE) Power over Ethernet (PoE) * Power over Ethernet (PoE) ports	AC 100 - 240 V 50 - 60 Hz 161.8 W
Port mirroring Policy-based routing Flow control support Broadcast storm control Rate limiting Spanning tree protocol Ethernet LAN data rates	IEEE 802.3x, IEEE 802.3z	Mean time between failures (MTBF) Power Power source * AC input voltage AC input frequency Power consumption (max) Power over Ethernet (PoE) Power over Ethernet (PoE) *	AC 100 - 240 V 50 - 60 Hz 161.8 W

Data transmission		Operational conditions	
Switching capacity * Forwarding rate MAC address table * Packet buffer memory	20 Gbit/s 15 Mpps 16000 entries 1.5 MB	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H)	0 - 50 °C -40 - 70 °C 10 - 90% 10 - 90%
Security		Heat dissipation	551.74 BTU/h
DHCP features	DHCP client, DHCP relay, DHCP snooping	Weight & dimensions	
Access Control List (ACL) IGMP snooping IGMP proxy		Width Depth Height Weight	267 mm 162 mm 44 mm 1.9 kg
Security algorithms MAC address filtering		Packaging content	
Static port security		Cables included	AC
SSH/SSL support		Certificates	
Loop protection IP-MAC-Port binding Password protection Authentication type	✓ ✓ ✓ RADIUS, TACACS+	Certification	RoHS





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