ZYXEL

Zyxel GS1920-48HPV2 Managed Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Schwarz

Marke : Zyxel

Artikel-Code: GS192048HPV2-EU0101F

Produktname : GS1920-48HPV2



Zyxel GS1920-48HPV2. Switch-Typ: Managed. Basic Switching RJ-45 Ethernet Ports-Typ: Gigabit Ethernet (10/100/1000), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 44. MAC-Adressentabelle: 16000 Eintragungen, Routing-/Switching-Kapazität: 100 Gbit/s. Netzstandard: 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)



Management-Funktionen	
Switch-Typ *	Managed
Quality of Service (QoS) Support	✔
ARP-Inspektion	✔
Systemereignisprotokoll	✔
MIB Unterstützung	RFC 1066, RFC 1213, RFC 1157, RFC 1493, RFC 1643, RFC 1757, RFC 2011.2012,2013, RFC 2233, RFC 2358, RFC 2674, RFC 2819,2925, RFC 3621, RFC 4022, RFC 4113, RFC 4292, RFC 4293

Anschlüsse und Schnittstellen	
Anzahl der basisschaltenden RJ-45 Ethernet Ports *	44
Basic Switching RJ-45 Ethernet Ports-Typ *	Gigabit Ethernet (10/100/1000)
Anzahl Combo-SPF-Anschlüsse	4
Menge SFP-Modul-Steckplätze	2
Optischer Kabelverbinder	SFP

Netzwerk	
Netzstandard *	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 802.3u, IEEE 802.3x, IEEE 802.3z
10G-Unterstützung *	✘
Kupfer Ethernet Verkabelungstechnologie	100BASE-TX, 1000BASE-T
Unterstützung Datenflusssteuerung	✔
Ratenbeschränkung	✔
Spannbaum-Protokoll	✔

Multicast-Funktionen	
Multicast Unterstützung	✔

Design	
Rack-Einbau *	✘
Produktfarbe	Schwarz
Sicherheit	LVD, BSMI
Elektromagnetische Verträglichkeit	FCC 15 A, CE A, BSMI EMC

Leistungen	
Speicherkapazität	256 MB
Flash-Speicher	32 MB
Geräuschpegel	26,5 dB
Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	502509 h

Energie	
AC Eingangsspannung	100 - 240 V
AC Eingangsfrequenz	50 - 60 Hz
Stromverbrauch (max.)	474,3 W

Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✔
Anzahl Power over Ethernet (PoE) Anschlüsse	48
Gesamtleistung Power over Ethernet (PoE)	375 W

Betriebsbedingungen	
Betriebstemperatur	0 - 50 °C
Temperaturbereich bei Lagerung	-40 - 70 °C
Relative Luftfeuchtigkeit in Betrieb	10 - 95%
Luftfeuchtigkeit bei Lagerung	10 - 95%

Netzwerk	
VLAN-Unterstützung	✔
Virtuelle LAN-Funktionen	Private VLAN, Voice VLAN, Protocol-based VLAN, MAC address-based VLAN, Port-based VLAN, IP subnet–based VLAN

Lichtwellenleiter	
Ethernet-Kabel Verkablungstechnologie	1000BASE-X

Datenübertragung	
Routing-/Switching-Kapazität *	100 Gbit/s
Transferrate	74 Mpps
MAC-Adressentabelle *	16000 Eintragungen
Datenpaket-Pufferspeicher	1,5 MB

Sicherheit	
DHCP-Funktionen	DHCP snooping, DHCP relay, DHCPv6 relay, DHCP client
Zugriffkontrollliste	✔
IGMP-Snooping	✔
Unterstützte Sicherheitsalgorithmen	802.1x RADIUS, SNMP, SNMPv3
MAC Adressen Filtern	✔
IP-MAC-Portbindung	✔
Authentifizierung	Gast VLAN, Port-basierte Authentifizierung
Passwortschutz	✔
Autentifizierungstyp	IEEE 802.1x, RADIUS
CPU-Verteidigung	✔
Warteschleifenplanungs-Algorithmen	SPQ, WFQ, Weighted Round Robin (WRR)

Betriebsbedingungen	
Wärmeableitung	1617,36 BTU/h

Gewicht und Abmessungen	
Breite	441 mm
Tiefe	270 mm
Höhe	44 mm
Gewicht	4,1 kg

Lieferumfang	
Mitgelieferte Kabel	AC
Rackmontageset	✔

Verpackungsdaten	
Verpackungsbreite	616 mm
Verpackungstiefe	355 mm
Verpackungshöhe	107 mm
Paketgewicht	5,25 kg

Zertifikate	
Zertifizierung	RoHS

Logistikdaten	
Warentarifnummer (HS)	85176990

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Publication date: 03-OCT-2026. Prints or copies of Information are only valid on the printed Publication date