

NETGEAR GSM4212P Managed L2/L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U Schwarz

Marke : NETGEAR

Artikel-Code: GSM4212P-100EUS

Produktname : GSM4212P



NETGEAR GSM4212P. Switch-Typ: Managed, Switch-Ebene: L2/L3. Basic Switching RJ-45 Ethernet Ports-Typ: Gigabit Ethernet (10/100/1000), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 10. Vollduplex. MAC-Adressentabelle: 16000 Eintragungen, Routing-/Switching-Kapazität: 24 Gbit/s. Netzstandard: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad, IEEE.... Power over Ethernet (PoE). Rack-Einbau, Formfaktor: 1U

Management-Funktionen		Multicast-Funktionen	
Switch-Typ *	Managed	IPv6 Multicast-Einträge	2000
Switch-Ebene	L2/L3	Design	
Quality of Service (QoS) Support	✓	Rack-Einbau *	✓
Anschlüsse und Schnittstellen		Formfaktor	1U
Anzahl der basisschaltenden RJ-45 Ethernet Ports *	10	Produktfarbe	Schwarz
Basic Switching RJ-45 Ethernet Ports-Typ *	Gigabit Ethernet (10/100/1000)	LED-Anzeigen	PoE, Leistung, Status
Menge SFP-Modul-Steckplätze	2	Leistungen	
Netzwerk		Eingebauter Prozessor	✓
Netzstandard *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt, IEEE 802.3x	Prozessor	ARM Cortex-A9
		Prozessortaktfrequenz	1250 MHz
10G-Unterstützung *	✗	Speicherkapazität	2048 MB
Vollduplex	✓	Geräuschpegel	30,06 dB
Link Aggregation	✓	Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	778769 h
Broadcast-Sturmkontrolle	✓	Energie	
Ratenbeschränkung	✓	Stromverbrauch (Standardbetrieb)	163,9 W
Spannbaum-Protokoll	✓	Power over Ethernet (PoE)	
VLAN-Unterstützung	✓	Power over Ethernet (PoE) *	✓
Virtuelle LAN-Funktionen	MAC address-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Anzahl Power over Ethernet plus (PoE+) Anschlüsse	8
		Power over Ethernet (PoE) Leistung pro Anschluss	30 W
Anzahl der VLANs	4093	Gesamtleistung Power over Ethernet (PoE)	150 W
Datenübertragung		Betriebsbedingungen	
Routing-/Switching-Kapazität *	24 Gbit/s	Betriebstemperatur	0 - 50 °C
Durchgang	17,86 Mpps	Temperaturbereich bei Lagerung	-20 - 70 °C
MAC-Adressentabelle *	16000 Eintragungen	Relative Luftfeuchtigkeit in Betrieb	0 - 90%
Store-and-Forward	✓	Luftfeuchtigkeit bei Lagerung	0 - 95%
Wartezeit (1 Gbps)	2,27 µs	Höhe bei Betrieb	0 - 3000 m
Anzahl Queues	8	Höhe bei Lagerung	0 - 3000 m
Jumbo Frames Unterstützung	✓	Wärmeableitung	559,555 BTU/h
Jumbo-Frames	12000	Gewicht und Abmessungen	
Datenpaket-Pufferspeicher	16 MB	Breite	440 mm
		Tiefe	200 mm
		Höhe	43,2 mm
		Gewicht	2,85 kg

Sicherheit		Logistikdaten	
DHCP-Funktionen	DHCP Option 82, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 snooping	Warentarifnummer (HS)	85176990
Zugriffskontrollliste	✓		
IGMP-Snooping	✓		
SSH-/SSL-Unterstützung	✓		
Loop Protection	✓		
BPDU-Filterung/Schutz	✓		
Authentifizierung	MAC-basierte Authentifizierung		
Authentifizierungstyp	RADIUS		
Multicast-Funktionen			
Multicast Unterstützung	✓		
IPv4 Multicast-Einträge	2000		



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(01)10606449149545

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