NETGEAR

NETGEAR XSM4316S Managed L3 10G Ethernet (100/1000/10000) 1U Schwarz



Marke : NETGEAR

Artikel-Code: XSM4316S-100NES

Produktname : XSM4316S

320 Gbps, 10/100/1000/10000, 1U, L3
NETGEAR XSM4316S. Switch-Typ: Managed, Switch-Ebene: L3. Basic Switching RJ-45 Ethernet Ports-Typ: 10G Ethernet (100/1000/10000), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 8, Anzahl USB 2.0 Anschlüsse: 1, Konsolen-Port: RJ-45/Mini-USB. MAC-Adressentabelle: 16000 Eintragungen, Routing-/Switching-Kapazität: 320 Gbit/s. Netzstandard: IEEE 802.11ad, IEEE 802.11az, IEEE 802.3ad, IEEE 802.3az. Rack-Einbau, Formfaktor: 1U



Management-Funktionen	
Switch-Typ *	Managed
Switch-Ebene	L3
Quality of Service (QoS) Support	✔
Web-basiertes Management	✔
ARP-Inspektion	✔

Anschlüsse und Schnittstellen	
Anzahl der basisschaltenden RJ-45 Ethernet Ports *	8
Basic Switching RJ-45 Ethernet Ports-Typ *	10G Ethernet (100/1000/10000)
Menge Modul-Steckplätze SFP+	8
Optischer Kabelverbinder	SFP+
Konsolen-Port	RJ-45/Mini-USB
Anzahl USB 2.0 Anschlüsse	1

Netzwerk	
Netzstandard *	IEEE 802.11ad, IEEE 802.11az, IEEE 802.3ad, IEEE 802.3az
10G-Unterstützung *	✔
unterstütze Kabeltypen	Cat5, Cat5e, Cat6, Cat7
Port-Spiegelung	✔
IP-Routing	✔
Unterstützung Datenflusssteuerung	✔
Link Aggregation	✔
Ratenbeschränkung	✔
Auto MDI/MDI-X	✔
Spannbaum-Protokoll	✔
Auto-Abtastung	✔
Auto-Negotiation-Funktion	✔
VLAN-Unterstützung	✔
Virtuelle LAN-Funktionen	Private VLAN

Lichtwellenleiter	
Ethernet-Kabel Verkablungstechnologie	10GBASE-LR, 10GBASE-LRM, 10GBASE-SR

Multicast-Funktionen	
Anzahl der gefilterten Multicast-Gruppen	4000

Design	
Rack-Einbau *	✔
Stapelbar *	✔
Formfaktor	1U
Produktfarbe	Schwarz
LED-Anzeigen	Aktivität, Leistung, Geschwindigkeit
Sicherheit	CSA 22.2 #950, UL 1950)/cUL IEC 950/EN 60950
Elektromagnetische Verträglichkeit	CE, FCC 15 A, VCCI A, A EN 55022, (CISPR 22) A, EN 50082-1, EN 55024

Leistungen	
Eingebauter Prozessor	✔
Prozessortaktfrequenz	800 MHz
Speicherkapazität	1024 MB
Flash-Speicher	256 MB
Geräuschpegel	36,9 dB
Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	196120 h

Energie	
Netzteil enthalten *	✔
Anzahl von Stromversorgungseinheiten	1
AC Eingangsspannung	120 - 230 V
Stromverbrauch (max.)	49 W

Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✘

Betriebsbedingungen	
Betriebstemperatur	0 - 50 °C
Temperaturbereich bei Lagerung	-20 - 70 °C
Relative Luftfeuchtigkeit in Betrieb	0 - 90%
Luftfeuchtigkeit bei Lagerung	0 - 95%
Höhe bei Betrieb	0 - 3000 m

Datenübertragung	
Routing-/Switching-Kapazität *	320 Gbit/s
Transferrate	357 Mpps
MAC-Adressentabelle *	16000 Eintragungen
Store-and-Forward	✔
Anzahl der statischen Routen	64
Jumbo Frames Unterstützung	✔
Jumbo-Frames	9000

Sicherheit	
DHCP-Funktionen	DHCP server, DHCP client
Zugriffkontrollliste	✔
Unterstützte Sicherheitsalgorithmen	HTTPS, SNMP, SSH
SSH-/SSL-Unterstützung	✔
BPDU-Filterung/Schutz	✔

Multicast-Funktionen	
Multicast Unterstützung	✔

Betriebsbedingungen	
Höhe bei Lagerung	0 - 3000 m
Wärmeableitung	18577 BTU/h

Gewicht und Abmessungen	
Breite	212 mm
Tiefe	345 mm
Höhe	44 mm
Gewicht	3,32 kg

Lieferumfang	
Mitgelieferte Kabel	AC, LAN (RJ-45), Mini-USB
Benutzerhandbuch	✔
Rackmontageset	✔

Verpackungsdaten	
Gummifüße	✔
Ressourcen-CD	✔

Logistikdaten	
Warentarifnummer (HS)	85176990

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