NETGEAR

NETGEAR XSM4328FV Managed L3 1U Schwarz

Marke : NETGEAR

Artikel-Code: XSM4328FV-100NES

Produktname : XSM4328FV



NETGEAR XSM4328FV. Switch-Typ: Managed, Switch-Ebene: L3. Anzahl USB 2.0 Anschlüsse: 2, Konsolen-Port: RJ-45. Vollduplex. MAC-Adressentabelle: 16000 Eintragungen, Routing-/Switching-Kapazität: 680 Gbit/s. Netzstandard: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1Qav, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE.... Netzstecker: AC-Eingangsbuchse. 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	
Basic Switching RJ-45 Ethernet Ports-Typ *	✘
Menge Modul-Steckplätze SFP+	24
Konsolen-Port	RJ-45
Anzahl SFP28-Ports	4
Anzahl USB 2.0 Anschlüsse	2
Netzstecker	AC-Eingangsbuchse

Netzwerk	
Netzstandard *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1Qav, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3ak, IEEE 802.3bz, IEEE 802.3u
10G-Unterstützung *	✔
Vollduplex	✔
Richtlinienbasiertes Routing	✔
Unterstützung Datenflusssteuerung	✔
Link Aggregation	✔
Broadcast-Sturmkontrolle	✔
Ratenbeschränkung	✔
Spannbaum-Protokoll	✔
6to4 Tunnel	✔
IPv4-Routen	512
IPv6-Routen	256
VLAN-Unterstützung	✔
Virtuelle LAN-Funktionen	MAC address-based VLAN, Private VLAN, Voice VLAN

Multicast-Funktionen	
Multicast Unterstützung	✔
Multicast Listener Discovery (MLD) Snooping	✔

Protokolle	
Management-Protokolle	SNMP V1, V2, V3
GARP VLAN Registration Protocol (GVRP)	✔
Router Protokoll	OSPF, OSPFv2, OSPFv3, RIP, RIP-1, RIP-2

Design	
Rack-Einbau *	✔
Stapelbar *	✔
Formfaktor	1U
Produktfarbe	Schwarz
LED-Anzeigen	✔
Luftstromrichtung	Luftstrom von vorne nach hinten

Leistungen	
Eingebauter Prozessor	✔
Prozessor	ARM Cortex-A57
Prozessortaktfrequenz	1800 MHz
Speichertyp	DDR4-SDRAM
Speicherkapazität	2048 MB
Flash-Speicher	512 MB
Geräuschpegel	61,8 dB
sFlow	✔
Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	778741 h

Energie	
Energiequelle *	AC
Netzteil enthalten *	✔
AC Eingangsspannung	100 - 240 V
AC Eingangsfrequenz	50/60 Hz

Netzwerk	
Anzahl der VLANs	4093
Datenübertragung	
Routing-/Switching-Kapazität *	680 Gbit/s
Durchgang	505,92 Mpps
MAC-Adressentabelle *	16000 Eintragungen
Store-and-Forward	✔
Wartezeit (1 Gbps)	1,06 µs
Wartezeit (10 Gbps)	0,63 µs
Statische Route	✔
Jumbo Frames Unterstützung	✔
Jumbo-Frames	12000
Datenpaket-Pufferspeicher	32 MB
Sicherheit	
DHCP-Funktionen	DHCP Option 150, DHCP Option 66, DHCP Option 67, DHCP relay, DHCP server, DHCP snooping
Zugriffkontrollliste	✔
Zugriffskontrollliste (ACL) Ausgang	1023
Zugriffskontrollliste (ACL) Eingang	511
IGMP-Snooping	✔
IGMP-Proxy	✔
MAC Adressen Filtern	✔
Statische Anschlusssicherheit	✔
Loop Protection	✔
BPDU-Filterung/Schutz	✔
Authentifizierung	Gast VLAN, MAC-basierte Authentifizierung
Root-Schutz	✔
Passwortschutz	✔
DoS Attacken Prävention	✔
Autentifizierungstyp	RADIUS, TACACS+
Warteschleifenplanungs-Algorithmen	Strict Priority Queue (SPQ), Weighted random early detection (WRED)

Energie	
Eingangsstrom	6.3 A
Stromverbrauch (Standardbetrieb)	119,3 W
Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✘
Sonstige Funktionen	
Stromversorgung	240 W
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
Höhe bei Lagerung	0 - 3000 m
Wärmeableitung	374,6 BTU/h
Gewicht und Abmessungen	
Breite	440 mm
Tiefe	400 mm
Höhe	43,2 mm
Gewicht	6,25 kg
Lieferumfang	
Mitgelieferte Kabel	AC, USB Typ-C
Benutzerhandbuch	✔
Rackmontageset	✔
Verpackungsdaten	
Steckertypen enthalten	EU, NA, UK
Nachhaltigkeit	
Nachhaltigkeitskonformität	✔
Zertifikate	
Konformitätsbescheinigungen	BSMI, CCC, CE, Eidgenössische Kommunikationskommission (FCC), Niederspannungsrichtlinie (LVD)



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