NETGEAR

NETGEAR AV LINE M4250-16XF 16X1G/10G MGD SWCH Géré L2/L3 1U Noir



Marque : NETGEAR

Code produit: XSM4216F-100NAS

Nom du produit : AV LINE M4250-16XF 16X1G/10G MGD SWCH

NETGEAR AV LINE M4250-16XF 16X1G/10G MGD SWCH. Type de commutateur: Géré, Banc de commutateurs: L2/L3. Port de console: RJ-45/USB Type-C. Full duplex. Répertoire MAC: 16000 entrées, Capacité de commutation: 320 Gbit/s. Standards réseau: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad, IEEE.... Grille de montage, Format: 1U



Caractéristiques de gestion	
Type de commutateur *	Géré
Banc de commutateurs	L2/L3
Qualité de service (QoS)	✔

Connectivité	
Type de port Ethernet RJ-45 de commutation de base *	✘
Quantités d'emplacements de module SFP+	16
Port de console	RJ-45/USB Type-C

Réseau	
Standards réseau *	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
Soutien 10G *	✔
Full duplex	✔
Agrégation de lien	✔
Contrôle Broadcast storm	✔
Limitation du débit	✔
Protocles Spanning Tree (STP)	✔
Support VLAN	✔
Fonctions LAN virtuelles	MAC address-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN
Nombre de VLANs	4093

Transmition des données	
Capacité de commutation *	320 Gbit/s
Débit	238,08 Mpps
Répertoire MAC *	16000 entrées
Enregistrement-et-réémission	✔
Latence (1 Gbps)	1,274 µs
Latence (10 Gbps)	0,811 µs
Nombre de files	8
Support de trames étendues (Jumbo Frames)	✔
Trames géantes	12000

Sécurité	
Type d'authentification	RADIUS

Caractéristiques de multidiffusion	
Support à la multidifusion	✔
Entrées IPv4 multicast	2000
Entrées IPv6 multicast	2000

Design	
Grille de montage *	✔
Format	1U
Couleur du produit	Noir
Voyants	Énergie, Statut

représentation / réalisation	
Intégré dans le processeur	✔
Modèle de processeur	ARM Cortex-A9
Fréquence du processeur	1250 MHz
Mémoire interne	2048 Mo
Niveau sonore	56,7 dB
Temps moyen entre pannes	778769 h

Puissance	
Source d'alimentation *	AC/DC
Consommation électrique typique	47,84 W

PoE (alimentation via le port Ethernet)	
Connexion Ethernet, supportant l'alimentation via ce port (PoE) *	✘

Conditions environnementales	
Température d'opération	0 - 50 °C
Température hors fonctionnement	-20 - 70 °C
Humidité relative de fonctionnement (H-H)	0 - 90%
Taux d'humidité relative (stockage)	0 - 95%
Altitude de fonctionnement	0 - 3000 m
Dissipation thermique	163,33 BTU/h

Poids et dimensions	
Largeur	440 mm
Profondeur	100 mm
Hauteur	43,2 mm
Poids	1,74 kg

Sécurité	
Fonctions DHCP	DHCP Option 82, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 snooping
Liste de contrôle d'accès (ACL)	✔
Filtrage IGMP	✔
Support SSH/SSL	✔
Protection en boucle	✔
Filtrage/protection BPDU	✔
Authentification	Authentification par l'adresse MAC

Contenu de l'emballage	
Câbles inclus	Secteur, USB

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Catalog Object Cloud

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