

NETGEAR 28-Port 10G Ethernet Smart Switch (XS728T)

Brand : NETGEAR

Product code: XS728T-100NES



Product name : 28-Port 10G Ethernet Smart Switch (XS728T)

ProSAFE XS728T - 24x 10GBASE-T copper ports, 4x SFP+ 1000/10GBASE-X fiber ports, 173.3W max., 41.6 dB, 5.04 kg  
NETGEAR 28-Port 10G Ethernet Smart Switch (XS728T). Switch type: Managed, Switch layer: L2+/L3. Basic switching RJ-45 Ethernet ports type: 10G Ethernet (100/1000/10000), Basic switching RJ-45 Ethernet ports quantity: 24, USB 2.0 ports quantity: 1. Full duplex. MAC address table: 16000 entries, Switching capacity: 560 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE.... Rack mounting



Management features		Security		
Switch type *	Managed	Security algorithms	802.1x RADIUS	
Switch layer	L2+/L3	MAC address filtering	✓	
Quality of Service (QoS) support	✓	Multicast features		
Web-based management	✓	Multicast support	✓	
Ports & interfaces		Protocols		
Basic switching RJ-45 Ethernet ports quantity *	24	Management protocols	SNMP v1, v2c, v3	
Basic switching RJ-45 Ethernet ports type *	10G Ethernet (100/1000/10000)	Design		
SFP+ module slots quantity	4	Rack mounting *	✓	
USB 2.0 ports quantity	1	Product colour	Black	
Network		LED indicators	Activity, Link, Power	
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ad, IEEE 802.3ae, IEEE 802.3an, IEEE 802.3az, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Number of fans	4 fan(s)	
	10G support *	✓	Performance	
	Copper ethernet cabling technology	10GBASE-T	Built-in processor	✓
Cable types supported	Cat5e, Cat6, Cat6a, Cat7	Processor frequency	800 MHz	
Port mirroring	✓	Internal memory	512 MB	
Full duplex	✓	Flash memory	256 MB	
IP routing	✓	Noise level	41.6 dB	
Flow control support	✓	Mean time between failures (MTBF)	514977 h	
Link aggregation	✓	Power		
Rate limiting	✓	AC input voltage	100 - 240 V	
VLAN support	✓	AC input frequency	50 - 60 Hz	
Virtual LAN features	Private VLAN, Protocol-based VLAN	Power consumption (max)	173.3 W	
Number of VLANs	512	Power over Ethernet (PoE)		
Data transmission		Power over Ethernet (PoE) *	✗	
Switching capacity *	560 Gbit/s	Operational conditions		
MAC address table *	16000 entries	Operating temperature (T-T)	0 - 50 °C	
Store-and-forward	✓	Operating relative humidity (H-H)	0 - 90%	
Latency (10 Gbps)	11.649 µs	Operating altitude	0 - 3000 m	
		Weight & dimensions		
		Width	440 mm	
		Depth	310 mm	
		Height	43 mm	

Data transmission		Weight & dimensions	
Number of queues	8	Weight	5.04 kg
Number of static routes	128	Packaging content	
Jumbo frames support	✓	Cables included	AC
Jumbo frames	10000	Quick start guide	✓
Packet buffer memory	3 MB	Rack mount kit	✓
Security		Certificates	
DHCP features	DHCP server, DHCP client		
Access Control List (ACL)	✓	Certification	CE, FCC Cl. A, VCCI Cl. A, Cl. A EN 55022 (CISPR 22), Cl. A C-Tick, EN 55024, CCC
Access Control List (ACL) rules	164		
IGMP snooping	✓	Logistics data	
		Harmonized System (HS) code	85176990



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