NETGEAR XS728T Managed L2+/L3 10G Ethernet (100/1000/10000) Black

Brand : NETGEAR

Product code: XS728T-100AJS

Product name : XS728T

24x 10GBASE-T copper ports, 4x SFP+ 1000/10GBASE-X fiber ports, 173.3W max., 41.6 dB, 5.04 kg
NETGEAR 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

Switch type *	Managed
Switch layer	L2+/L3
Quality of Service (QoS) support	✓
Web-based management	✓

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity *	24
Basic switching RJ-45 Ethernet ports type *	10G Ethernet (100/1000/10000)
SFP+ module slots quantity	4
USB 2.0 ports quantity	1

Network

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
10G support *	✓
Copper ethernet cabling technology	10GBASE-T
Cable types supported	Cat5e, Cat6, Cat6a, Cat7
Port mirroring	✓
Full duplex	✓
IP routing	✓
Flow control support	✓
Link aggregation	✓
Rate limiting	✓
VLAN support	✓
Virtual LAN features	Private VLAN, Protocol-based VLAN
Number of VLANs	512

Data transmission

Switching capacity *	560 Gbit/s
MAC address table *	16000 entries
Store-and-forward	✓
Latency (10 Gbps)	11,649 µs
Number of queues	8
Number of static routes	128
Jumbo frames support	✓
Jumbo frames	10000
Packet buffer memory	3 MB

Security

IGMP snooping	✓
Security algorithms	802.1x RADIUS
MAC address filtering	✓

Multicast features

Multicast support	✓

Protocols

Management protocols	SNMP v1, v2c, v3

Design

Rack mounting *	✓
Product colour	Black
LED indicators	Activity, Link, Power
Number of fans	4 fan(s)
Certification	CE, FCC Cl. A, VCCI Cl. A, Cl. A EN 55022 (CISPR 22), Cl. A C-Tick, EN 55024, CCC

Performance

Built-in processor	✓
Processor frequency	800 MHz
Internal memory	512 MB
Flash memory	256 MB
Noise level	41,6 dB
Mean time between failures (MTBF)	514977 h

Power

AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power consumption (max)	173,3 W

Power over Ethernet (PoE)

Power over Ethernet (PoE) *	✗

Operational conditions

Operating temperature (T-T)	0 - 50 °C
Operating relative humidity (H-H)	0 - 90%
Operating altitude	0 - 3000 m

Weight & dimensions

Width	440 mm
Depth	310 mm
Height	43 mm
Weight	5,04 kg

Security		Packaging data	
DHCP features	DHCP server, DHCP client	Cables included	AC
Access Control List (ACL)	✓	Quick start guide	✓
Access Control List (ACL) rules	164	Rack mount kit	✓

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