imcopex

Netgear Smart XS708T - Switch

L3 Lite - smart - 8 x 10GBase-T + 2 x shared 10 Gigabit SFP+ - desktop - rack-mountable

Group	Network Equipment
Manufacturer	Netgear
Manufacturer item no.	XS708T-100NES
EAN/UPC	0606449112177

Description

The XS708T 10-Gigabit Ethernet Smart Managed Switch brings the second generation of 10-Gigabit Copper switching to SMBs. The XS708T is a powerful Smart Managed Switch that includes 8 ports of 10-Gigabit connectivity (8 copper with 2 shared combo copper/SFP+ Fiber ports). NETGEAR's 10-Gigabit Smart Managed Switches are purposely designed as a cost-effective way to provide 10G connections to 10G-capable servers and NAS (Network Attached Storage) systems. The XS708T provides comprehensive L2+/Layer 3 Lite features (including IPV6 management) allowing SMB customers to deploy virtualization, cloud-based services and applications like VoIP, video streaming and IP surveillance, which require higher reliability, speed, and performance. It can be used at the "center of a small business network" or as an aggregation/access switch in a larger organization. The XS708T is ideal for smaller workgroups that need high-bandwidth for sharing, collaborating, editing, and publishing high-density content like video or animation.

Main features

Product Description	NETGEAR Smart XS708T - switch - 8 ports - smart - rack-mountable
Device Type	Switch - 8 ports - L3 Lite - smart
Enclosure Type	Rack-mountable 1U
Subtype	10 Gigabit Ethernet
Ports	8 x 10GBase-T + 2 x shared 10 Gigabit SFP+
Performance	Switching fabric bandwidth: 160 Gbps ¦ Forwarding performance (64-byte packet size): 119 Mpps
Capacity	ACL: 100 ¦ Virtual interfaces (VLANs): 512 ¦ IGMP groups: 512 ¦ IPv4 routes: 32 ¦ IPv6 routes: 32 ¦ Priority queues per port: 8 ¦ ARP entries: 738 ¦ DHCP snooping entries: 8000
MAC Address Table Size	16K entries
Jumbo Frame Support	9KB
Routing Protocol	Static IPv4 routing, static IPv6 routing
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, SNMP 3, SNMP 2c, HTTP, HTTPS

Features	Flow control, ARP support, VLAN support, IGMP snooping, Syslog support, DoS attack prevention, port mirroring, DiffServ support, Weighted Round Robin (WRR) queuing, store and forward, MAC address filtering, Broadcast Storm Control, IP address filtering, Unicast Storm Control, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, Multiple Spanning Tree Protocol (MSTP) support, DHCP snooping, Access Control List (ACL) support, Quality of Service (QoS), RADIUS support, MLD snooping, Dynamic ARP Inspection (DAI), reset button, LACP support, LLDP support, Port Security, DHCP client, Energy Efficient Ethernet, Multicast VLAN Registration (MVR), Strict Priority Queuing (SPQ), 2MB packet buffer, Class of Service (CoS), 802.1x authentication, Type of Service (ToS), DiffServ Code Point (DSCP) support, cable test, layer 2+ switching
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3i, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.3ae, IEEE 802.1s, IEEE 802.1ab (LLDP), IEEE 802.3an, IEEE 802.3az
Dimensions (WxDxH)	44 cm x 20.4 cm x 4.3 cm
Weight	2.61 kg
Localisation	Latin America, North America, Europe

Extended details

	General
Device Type	Switch - 8 ports - L3 Lite - smart
Enclosure Type	Desktop, rack-mountable 1U
Subtype	10 Gigabit Ethernet
Ports	8 x 10GBase-T + 2 x shared 10 Gigabit SFP+
Performance	Switching fabric bandwidth: 160 Gbps ¦ Forwarding performance (64-byte packet size): 119 Mpps
Capacity	ACL: 100 ¦ Virtual interfaces (VLANs): 512 ¦ IGMP groups: 512 ¦ IPv4 routes: 32 ¦ IPv6 routes: 32 ¦ Priority queues per port: 8 ¦ ARP entries: 738 ¦ DHCP snooping entries: 8000
MAC Address Table Size	16K entries
Jumbo Frame Support	9KB
Routing Protocol	Static IPv4 routing, static IPv6 routing
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, SNMP 3, SNMP 2c, HTTP, HTTPS
Encryption Algorithm	TLS 1.0, SSL 3.0
Authentication Method	RADIUS, TACACS+
Features	Flow control, ARP support, VLAN support, IGMP snooping, Syslog support, DoS attack prevention, port mirroring, DiffServ support, Weighted Round Robin (WRR) queuing, store and forward, MAC address filtering, Broadcast Storm Control, IP address filtering, Unicast Storm Control, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, Multiple Spanning Tree Protocol (MSTP) support, DHCP snooping, Access Control List (ACL) support, Quality of Service (QoS), RADIUS support, MLD snooping, Dynamic ARP Inspection (DAI), reset button, LACP support, LLDP support, Port Security, DHCP client, Energy Efficient Ethernet, Multicast VLAN Registration (MVR), Strict Priority Queuing (SPQ), 2MB packet buffer, Class of Service (CoS),

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Processor	Cortex-A9: 600 MHz
RAM	512 MB
Flash Memory	256 MB
Status Indicators	Port transmission speed, power, link/activity, fan
	Expansion / Connectivity
Interfaces	8 x 10GBase-T RJ-45 ¦ 2 x 10GBase-X SFP+ ¦ 1 x USB 2.0 management
	Power
Power Device	Internal power supply
Power Consumption Operational	49.5 Watt
	Miscellaneous
Included Accessories	Rubber feet
Rack Mounting Kit	Included
MTBF	276,197 hours
Compliant Standards	cUL, EN 60950, IEC950, UL 1950, EN55024, CSA 22.2 No. 950, EN55022 Class A, CISPR 22, CCC, FCC Part 15 A, C-Tick Class A, SCC, VCCI Class A, TLS v1.2, TLS v1.0
Localisation	Latin America, North America, Europe
	Software / System Requirements
Software Included	Drivers & Utilities
	Dimensions & Weight
Width	44 cm
Depth	20.4 cm
Height	4.3 cm
Weight	2.61 kg
	Manufacturer Warranty
Service & Support	NETGEAR lifetime warranty
	Environmental Parameters
Min Operating Temperature	0 °C
Max Operating Temperature	50 °C
Humidity Range Operating	90% (non-condensing)
Min Storage Temperature	-10 °C
Max Storage Temperature	70 °C

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