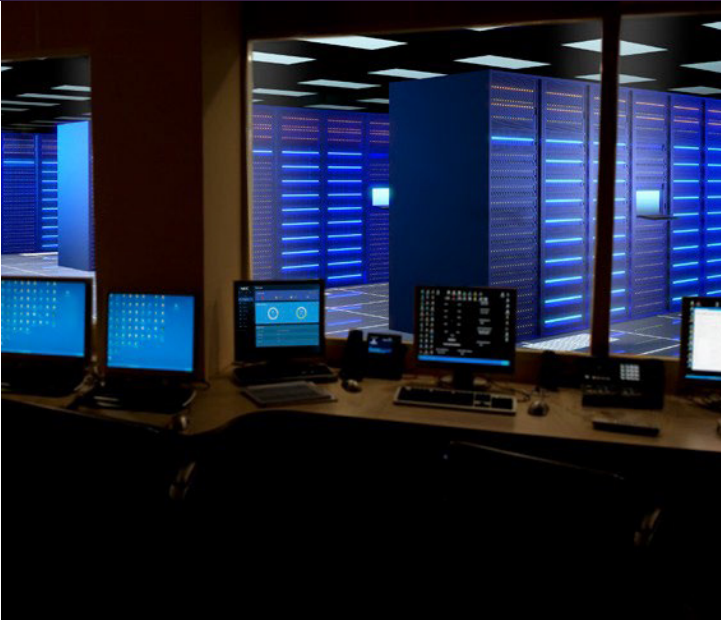


QX-S7532 100 Gigabit Ethernet Switch



At a Glance

- Versatile 32 ports of 100 Gbps L3 aggregation switches that can be utilized in both traditional and SDN network environments
- Supports NEC's Network Operation Engine that provides network automation and virtualization managed through an easy-to-use management interface. It simplifies day to day network management with drag-and-drop network configuration and high-availability resulting in a secure, flexible, and centrally configurable Enterprise Campus Network.
- Can be managed by the Network Operation Engine Controller, management console or Command Line Interface (CLI)

Overview

Main Product Features

- 32 x 100 Gbps Ethernet Ports (QSFP28)
- Support for both Store & Forward and Cut-Through forwarding modes
- Support for L2 and L3 forwarding, QoS, Security, Multicast, & VLAN
- Support for EVPN(VXLAN)
- Support static, policy-based and RIP/OSPF/BGP Routing functions
- CLI and WebGUI management console
- SDN compatible (Network Operation Engine)
- High Speed stack connection function (Intelligent Resilient Framework)
- The switch requires:
 - ◇ Power modules: LSVM3AC650 (2 slots available, one or two power modules can be installed) - The QX-S7532HP switches each come with one power module slot empty, and one installed with a filler panel. The power modules must be ordered separately
 - ◇ Fan trays: LSWM5FANSA or LSWM5FANSB (5 slots available, all 5 fans are required) - Must be ordered separately

Specifications

Features		QX-S7532HP
Performance	Switching capacity [bps]	6404.0G
	Transfer rate [pps]	2024M
	Switching method	S&F/CT
	MAC address table	32K min/288K max(default 96K)
	Routing table (IPv4/IPv6)	IPv4: 32k min/324k max (default 32K) IPv6: 16k min/162k max(default 16K)
	ARP table	16K min/272K max
	SFP (1G)	2
Interface	QSFP28 (100G) ports	32
	Number of expansion card slots	-
	Console port/Management port	√ / √
	IRF stack max. size	10
IRF Stack	MAD/ISSU	√ / √
	Stackable port	QSFP28
	IEEE802.1Q	√
VLAN	VLAN type	PORT/PROT/IPSub
	PrivateVlan	√
	Voice VLAN	√
	Maximum number of VLANs	4094[2048]
	VLAN mapping	√
	QinQ	√
	Port function	Auto Negotiation/Speed/Full/Half Duplex Fixed
Auto MDI/MDIX/MDIX fixed		√ / -
Flow control (IEEE802.3X)		√
EAP Transparent/BPDU Transparent port isolate		√ / √
Packet forwarding suppression		√
Storm-Constrain		B/M/U
Jumbo frame (byte)		9416
Loop detection (supports multi-port loops)		√
Unidirectional link detection (DLDP)		√
Ethernet OAM (IEEE802.3ah)		√
CFD (IEEE802.1ag)		√
Link aggregation (LACP compatible)		√
Spanning tree		S/R/M/P
Ring protocol (RRPP)		√
Packet filter (ACL)	√	
IPv6 management	√	
QoS	SPQ/WRR/WFQ/WRED	√ / √ / √ / √
	Bandwidth management	LR/CAR/GTS
	Trust/Marking	√ / √
	Number of QoS classes	8

√ = Available
- = Not Available

Specifications (cont.)

Features		QX-S7532HP
Security	Supported authentication methods	LOC
Routing	Static/PBR	√ / √
	RIP	v1/v2/ng
	OSPF	v2/v3
	BGP	4/4+
	VRRP	√
	BFD	√
	VRF-Lite(MCE)	√
Multicast	Multicast VLAN	√
	IGMPv1/v2/v3 Snooping	√
	MLDv1/v2 snooping	√
	IGMPv1/v2/v3	√
	MLDv1/v2	√
	PIM-SM/PIM-SSM	√
Tunnel		G/44/46/64/66
EVPN(VXLAN)		√
Management	telnet/ssh/WEB console	√ / √ / -
	ftp/tftp client/ftp server	√ / √
	LLDP	√
	DHCP	C/R/SV/SN
	NTP client/NTP server	√ / √
	Syslog	√
	Log file	√
	SNMPv1/v2c/v3	√
	Standard MIBs, Private MIBs	√
	RMON	√
	sFlow	√
	Port mirroring	√
Echo	EEE(IEEE802.3az)	-
	schedule task	√
	External dimension (W x D x H) [inch/mm]	17.3 x 18.1 x 1.73 440 x 460 x 43.6
Physical specification	Weight	33 lb 15.0 kg
	AC power input [50/60Hz] (rated/maximum)	100~240V(90~264V)
	Maximum power consumption	385W(AC)
	Redundant power supply	√ (1U Power Redundancy)
	Operating temperature/humidity (non-condensing)	0~45°C/10~90%

√ = Available
- = Not Available

QX-S7532H



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