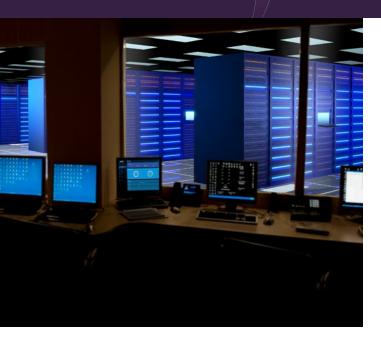


QX-S4300 10 Gigabit Ethernet Switches



At a Glance

- Low cost 10 Gigabit Ethernet switches with 8 or 14 copper ports and 2 SFP+ uplinks
- In conjunction with QX-S5200 series (1G PoE access switch with 10G Ethernet up-links) and QX-S4100 and QX-S1000 series (1G PoE access switch with 1G Ethernet up-links) can be used to implement a complete Enterprise network
- Attractive cost/port make these switches ideal where high 10 G throughput is required, as an example in HCl node aggregation

Overview

NEC's QX-S4300 Series Ten Gigabit Ethernet switches offer businesses the flexibility to easily deploy. These versatile switches can be used in a Software Defined Network (SDN) or they can be standalone. The QX-S4300 series fully supports NEC's Network Operation Engine and can be configured and managed directly through the NOE's Graphical User Interface (GUI).

I Main Product Features

- 8 or 14 Ethernet ports 10G/5G/2.5G/1000BASE-T autosensing
- 2 Ethernet ports 10Gigabit SFP+
- 1 Management Ethernet port
- USB and Console ports
- Support for L2 and basic L3 forwarding, QoS, Security, Multicast, & VLAN
- Support Static Routing functions
- CLI and WebGUI management console
- High Speed stack connection function (Intelligent Resilient Framework



Specifications

Features			S4308XT-2X	S4314XT-2X	
	Switching C	apacity [bps]	200.0G	320.0G	
Performance	Transfer Ra		148.8M	238.0M	
	Switching M		Store &	Forward	
	MAC address table		33	32K	
	Routing Table (IPv4/IPv6)		16K/8K		
	ARP table		7.5K		
	100 M	10/100BASE-TX	-	-	
	1GbE	10/100/1000BASE-T	-	-	
	. 522	SFP slot	-	-	
	10 GbE	1/10GBASE-T	8	14	
Interface	10 052	SFP+ Slot	2	2	
	40 GbE	QSFP+ Slot	-	-	
		extension card slots	-	-	
	Managemer		1	1	
	Console por		0	0	
IDE (C)	IRF stack ve		!	9	
IRF stack	MAD/ISSU		0	0/0	
	IEEE 802.10	Ω		0	
	Port VLAN			0	
	Protocol VL	AN	0		
	IP Subnet-based VLAN		-		
VLAN	Isolate-user vlan		0		
	Voice VLAN		0		
	Maximum number of VLAN		4094[1024]		
	[number of settable IP addresses]				
	VLAN mapping		0		
	QinQ				
	Auto Negotiation/ fixed speed and duplex (full/half)		0/0		
	Auto MDI · MDIX/ fixed MDIX			0/0	
	Flow Control (IEEE 802.3X)		0		
	EAP transmission/BPDU transmission			0/0	
	Port isolate		o B/M/U		
Port Functionality	Packet transfer suppression		B/M/U		
Fort Functionality	Storm-Constrain		10000		
	Jumbo Frame (byte)				
	Loop Detection (multi port loop supported)		0		
	One-Way Link Detection (DLDP)		0		
	Ethernet OAM (IEEE 802.3ah)		-		
	CFD (IEEE 802.1ag)		•		
Spanning Tree	Link Aggreg	ation (LACP support)			
· ·			S/R/M/P o		
Ring Protocol (RRPP) Packet Filter (ACL)					
FACKEL FILLET (ACL)				0	

Specifications (cont.)

SPOWRRWFOWRED SINCE SPOWRRWFOWRED SINCE SPOWRRWFOWRED SINCE SPOWRRWFOWRED SINCE SPOWRED SINCE SPOWRRWFOWRED SINCE SPOWRED SPOWRED SINCE SPOWRED	Features		QX-S4308XT-2X QX-S4314XT-2
Bandwidth control LR/CAR/GTS TrustMarking 0/0 Number of QoS classes 8 Number of QoS classes 9 Numbe	IPv6 Management		0
TrustMarking		SPQ/WRR/WFQ/WRED	0/0/-/-
TrustMarking Number of QoS classes 8	0.05	Bandwidth control	LR/CAR/GTS
Number of QoS classes 8	303	Trust/Marking	0/0
MAC address authentication Companies			8
Web Authentication -		802.1X Authentication	-
Multi-step authentication -		MAC address authentication	-
Multi-step authentication -		Web Authentication	<u>-</u>
Triple authentication	N 44	Multi-step authentication	-
Port Security	Security		<u>-</u>
Dynamic VLAN Cocal Authentication Cocal			-
Local Authentication			-
Static			0
RIP			0
Counting Related BGP			-
BGP -	Routing Related		-
Policy-Based Routing			-
VRRP			-
BFD			<u>-</u>
VRF-Lite (MCE)			0
Multicast VLAN			-
IGMPv1/v2/v3 snooping			0
Multicast MUDV1/v2 snooping			0
IGMPv1/v2/v3 - MLDv1/v2 - PIM-SM/PIM-SSM - VXLAN/EVPN - IdetMeister - TELNET/SSH/WEB console 0/0/- FTP · TFTP client/FTP server 0/0 LLDP 0 DHCP C/R/SV/SN NTP Client/NTP Server 0/- Syslog 0 Log file 0 SNMPv1/v2c/v3 0 Standard MIB、Private MIB 0 RMON 0 RMON 0 SFlow 0 FOR thirroring 0 Eco-function EEE(IEE802.3az) 0 Continue of the private MIB 0			0
MLDv1/v2 -	Multicast		-
PIM-SM/PIM-SSM -			-
Fund			-
TELNET/SSH/WEB console	Tunnel	Tim Cinn in Com	-
TELNET/SSH/WEB console	/XLAN/EVPN		-
TELNET/SSH/WEB console	NetMeister		-
FTP • TFTP client/FTP server		TELNET/SSH/WEB console	0/0/-
LLDP DHCP C/R/SV/SN NTP Client/NTP Server Syslog Log file SNMPv1/v2c/v3 Standard MIB、Private MIB RMON sFlow Port mirroring Eco-function LLDP C/R/SV/SN C/A C/A C/A C/A C/A C/A C/A C/			o/o
DHCP C/R/SV/SN NTP Client/NTP Server			0
NTP Client/NTP Server O/- Syslog 0 Log file 0 SNMPv1/v2c/v3 0 Standard MIB、Private MIB 0 RMON 0 sFlow 0 Port mirroring 0 Eco-function EEE(IEEE802.3az)			C/R/SV/SN
Syslog			∘/-
Log file			0
SNMPv1/v2c/v3 0 Standard MIB、Private MIB 0 RMON 0 sFlow 0 Port mirroring 0 Eco-function EEE(IEEE802.3az)	nanagement function		0
Standard MIB、Private MIB RMON sFlow Port mirroring EEE(IEEE802.3az) Standard MIB、Private MIB Conception Port mirroring Conception Standard MIB、Private MIB Conception Conceptio			0
RMON sFlow Port mirroring EEE(IEEE802.3az) -			0
sFlow Port mirroring EECo-function SFLOW Port mirroring EEE(IEEE802.3az) -			0
Port mirroring Eco-function Port mirroring EEE(IEEE802.3az) -			0
Eco-function EEE(IEEE802.3az)			0
CO-TUTICUOTI	Eco-function		
		Scheduled task	0

Specifications (cont.)

Features		QX-S4308XT-2X	QX-S4314XT-2X
	External dimension (W x D x H) [mm]	440 x 260 x 43.6	
	Weight	3.6kg	3.7kg
	AC power input [50/60 Hz] (Rating / Maximum)	100~240V (90~290V)	
Physical specification	Maximum Power Consumption	44W	60W
•	Redundant power source	-	
	Fanless	-	
	Operating temperature/humidity (non-condensing required)	0~45°C/10~90%	
USB Memory		USB-2G	
VCCI ClassA / RoHS supported		0/0	

Legend: o supported - not supported

QX-S4308XT-2X



QX-S4314XT-2X



For further information please contact your local NEC representative or:

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