DELL S-Series S4148T-ON Gestionado L2/L3 10G Ethernet (100/1000/10000) 1U Negro

Marca : DELL

Familia de productos: S-Series

Código del producto: 87475257

Nombre del producto :
S4148T-ON

DELL S-Series S4148T-ON. Tipo de interruptor: Gestionado, Capa del interruptor: L2/L3. Puertos tipo básico de conmutación RJ-45 Ethernet: 10G Ethernet (100/1000/10000), Cantidad de puertos básicos de conmutación RJ-45 Ethernet: 48. Tipo de switch o conmutador óptico: 100 Gigabit Ethernet. Cantidad de puertos USB 2.0: 1, Puerto de consola: RJ-45. Bidireccional completo (Full duplex). Tabla de direcciones MAC: 272000 entradas, Capacidad de conmutación: 1760 Gbit/s. Estándares de red: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1Qaz, IEEE 802.1Qbb, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s,.... Conector eléctrico: Conector de entrada de CA. Montaje en rack, Factor de forma: 1U

Management features	
Switch type *	Managed
Switch layer	L2/L3
Quality of Service (QoS) support	✔
System event log	✔
MIB support	SNMPv2, TCP, UDP, IP

Ports & interfaces	
Basic switching RJ-45 Ethernet ports quantity *	48
Basic switching RJ-45 Ethernet ports type *	10G Ethernet (100/1000/10000)
QSFP+ module slots quantity	2
Fiber optic connector	QSFP28
Console port	RJ-45
QSFP28 ports quantity	4
USB 2.0 ports quantity	1
Power connector	AC-in jack

Network	
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1Qaz, IEEE 802.1Qbb, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ac, IEEE 802.3ad, IEEE 802.3ae, IEEE 802.3ba, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
10G support *	✔
Copper ethernet cabling technology	10GBASE-T
Port mirroring	✔
Full duplex	✔
Link aggregation	✔
IPv4 routes	200
IPv6 routes	130
VLAN support	✔
Virtual LAN features	Tagged VLAN

Optical fiber	
Switching optical modules type	100 Gigabit Ethernet

Data transmission	
Switching capacity *	1760 Gbit/s

Protocols	
Management protocols	CLI, SNMP, REST, API's
Supported network protocols	IPv4 e IPv6 Roteamente Estático, RIP, OSPFv2 ,OSPFv3, BGP e IS-IS

Design	
Rack mounting *	✔
Stackable *	✔
Form factor	1U
Product colour	Black
LED indicators	✔
Number of fans	4 fan(s)

Performance	
Built-in processor	✔
Internal memory	4000 MB
Compatible operating systems	OS10
Maximum cable length	2 m
Minimum system requirements	Linux Kernel 3.16

Power	
Power source *	AC
Power supply included *	✔
Redundant power supply (RPS) support	✔
Number of power supply units	2
AC input voltage	100 - 250 V
AC input frequency	50 - 60 Hz
Input voltage	250 V
Power consumption (typical)	320 W
Power consumption (max)	440 W
Power cable length	2 m
Power cable connector 1	NBR14136
Power cable connector 2	C13 coupler

Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✘

Operational conditions	
Operating temperature (T-T)	5 - 40 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	5 - 85%

Data transmission	
Throughput	1320 Mpps
MAC address table *	272000 entries
Packet buffer memory	12 MB

Security	
DHCP features	DHCP relay, DHCP server
Access Control List (ACL)	✔
Security algorithms	IPSec
SSH/SSL support	✔

Multicast features	
Multicast support	✔
Multicast MAC address table	8000 entries

Operational conditions	
Storage relative humidity (H-H)	5 - 95%
Heat dissipation	1500 BTU/h

Weight & dimensions	
Width	431 mm
Depth	457 mm
Height	44 mm

Packaging content	
Rack mount kit	✔

Certificates	
Compliance certificates	RoHS

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