



DELL S-Series S4148F-ON Managed L2/L3 1U Black

Brand : DELL

Product family: S-Series

Product code: 210-ALSJ-6XY6



Product name : S4148F-ON

DELL S-Series S4148F-ON. Switch type: Managed, Switch layer: L2/L3. USB 2.0 ports quantity: 1, Console port: RJ-45/Micro-USB. Full duplex. MAC address table: 272000 entries, Switching capacity: 1760 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1Qaz, IEEE 802.1Qbb, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w,.... Power connector: AC-in jack. Rack mounting, Form factor: 1U



Management features		Protocols	
Switch type *	Managed	Management protocols	CLI, SNMP, REST, API's
Switch layer	L2/L3	Supported network protocols	IPv4 e IPv6 Roteamento Estático, RIP, OSPFv2 ,OSPFv3, BGP e IS-IS
Quality of Service (QoS) support	✓	Design	
Configuring Location Settings (CLI)	✓		
System event log	✓	Rack mounting *	✓
MIB support	IP MIB, IP Forward MIB, Host Resources MIB, IF MIB, LLDP MIB, Entity MIB, LAG MIB, Dell-Vendor MIB, TCP MIB, UDP MIB, SNMPv2 MIB	Form factor	1U
		Product colour	Black
Ports & interfaces		LED indicators	✓
		Ventilation system	Back-to-front airflow
Basic switching RJ-45 Ethernet ports type *	✗	Performance	
Gigabit Ethernet (copper) ports quantity	1	Built-in processor	✓
SFP+ module slots quantity	48	Internal memory	4000 MB
QSFP+ module slots quantity	2	Compatible operating systems	OS 10
Console port	RJ-45/Micro-USB	sFlow	✓
QSFP28 ports quantity	4	Technical details	
USB 2.0 ports quantity	1	Compliance certificates	RoHS
Power connector	AC-in jack	Power	
Network		Power supply included *	✓
		Redundant power supply (RPS) support	✓
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1Qaz, IEEE 802.1Qbb, 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	Number of power supply units	2
		AC input voltage	100 - 250 V
10G support *	✓	AC input frequency	50 - 60 Hz
Port mirroring	✓	Power consumption (typical)	200 W
Full duplex	✓	Power consumption (max)	440 W
Flow control support	✓	Power cable length	2 m
Link aggregation	✓	Power cable connector 1	NBR14136
Address Resolution Protocol (ARP) entries (max)	200000	Power cable connector 2	C13 coupler
IPv4 routes	200	Power over Ethernet (PoE)	
IPv6 routes	130	Power over Ethernet (PoE) *	✗
VLAN support	✓	Operational conditions	
Virtual LAN features	Tagged VLAN	Operating temperature (T-T)	5 - 40 °C
		Storage temperature (T-T)	-40 - 65 °C
		Operating relative humidity (H-H)	5 - 85%
		Storage relative humidity (H-H)	5 - 95%
		Heat dissipation	1364 BTU/h

Data transmission		Weight & dimensions	
Switching capacity *	1760 Gbit/s	Width	431 mm
Throughput	1320 Mpps	Depth	457 mm
MAC address table *	272000 entries	Height	44 mm
Jumbo frames support	✓	Weight	9.46 kg
Jumbo frames	9416	Packaging data	
Packet buffer memory	12 MB	Rack mount kit	✓
Security		Other features	
DHCP features	DHCP Option 82	Latency	800
Access Control List (ACL)	✓		
SSH/SSL support	✓		
Multicast features			
Multicast support	✓		
Multicast MAC address table	8000 entries		

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Publication date: 19-SEP-2024. Prints or copies of Information are only valid on the printed Publication date