



DELL S-Series S5212F Managed L2/L3 1U Black

Brand : DELL

Product family: S-Series

Product code: S5212F_1.1



Product name : S5212F

DELL S-Series S5212F. Switch type: Managed, Switch layer: L2/L3. Console port: RJ-45. Full duplex. Switching capacity: 2160 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1Qaz, IEEE 802.1Qbb, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1x,.... Power connector: AC-in jack. Rack mounting, Form factor: 1U



Management features		Design	
Switch type *	Managed	Form factor	1U
Switch layer	L2/L3	Product colour	Black
Quality of Service (QoS) support	✓	LED indicators	✓
ARP inspection	✓	Number of fans	4 fan(s)
System event log	✓	Performance	
MIB support	IP MIB, IP Forward MIB, Host Resources MIB, IF MIB, LLDP EXT1/3 MIB, Entity MIB, LAG MIB, Dell-Vendor MIB, TCP MIB, UDP MIB, SNMPv2 MIB, ETHERLIKE-MIB, SFLOW-MIB, PFC-MIB	Built-in processor	✓
		Memory type	SDRAM
		Internal memory	16000 MB
		Compatible operating systems	Debian Linux version 9 Linux Kernel 4.9 OS10
Ports & interfaces		Technical details	
Basic switching RJ-45 Ethernet ports type *	✗	Compliance certificates	RoHS
Console port	RJ-45	Power	
QSFP28 ports quantity	3	Power source *	AC
SFP28 ports quantity	12	Power supply included *	✓
Power connector	AC-in jack	Number of power supply units	2
Network		AC input voltage	100 - 240 V
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1Qaz, IEEE 802.1Qbb, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1x, IEEE 802.3, IEEE 802.3ad	AC input frequency	50 - 60 Hz
10G support *	✓	Output voltage	250 V
Port mirroring	✓	Output current	12 A
Full duplex	✓	Power consumption (typical)	140 W
Flow control support	✓	Power consumption (max)	304 W
Link aggregation	✓	Power cable length	2 m
Ethernet LAN data rates	25000 Mbit/s	Power cable connector 1	C13 coupler
IPv4 routes	128	Power cable connector 2	C14 coupler
IPv6 routes	64	Power over Ethernet (PoE)	
VLAN support	✓	Power over Ethernet (PoE) *	✗
Number of VLANs	1	Operational conditions	
Data transmission		Operating temperature (T-T)	0 - 45 °C
Switching capacity *	2160 Gbit/s	Storage temperature (T-T)	-40 - 70 °C
Throughput	440 Mpps	Operating relative humidity (H-H)	5 - 90%
Static route	✓	Storage relative humidity (H-H)	5 - 90%
Packet buffer memory	32 MB	Heat dissipation	1037 BTU/h
		Weight & dimensions	
		Width	199.8 mm
		Depth	406.4 mm

Multicast features		Weight & dimensions	
Multicast support	✓	Height	43.6 mm
Protocols		Weight	4.5 kg
Management protocols	CLI, SNMP, REST API's		
GARP VLAN Registration Protocol (GVRP)	✓		
Design			
Rack mounting *	✓		
Stackable *	✓		

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