



DELL S-Series S5248F-ON Managed L2/L3 1U Black

Brand : DELL

Product family: S-Series

Product code: 210-APEX

Product name : S5248F-ON

- 48 x SFP28
- 4 x QSFP28
- 2 x QSFP-DD
- OS10

48 x 25GbE SFP28, 4 x 100GbE QSFP28, 2 x 100GbE QSFP-DD, IO - PSU, 2 x PSU, OS10



DELL S-Series S5248F-ON Managed L2/L3 1U Black:

Flexible architectural agility

Designed for architectural agility and flexibility to help data centers smoothly migrate to a software-designed data center.

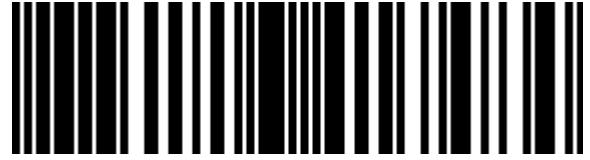
DELL S-Series S5248F-ON. Switch type: Managed, Switch layer: L2/L3. Switching optical modules type: 100 Gigabit Ethernet. Console port: RJ-45. MAC address table: 16000 entries, Switching capacity: 2000 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1Qaz, IEEE 802.1Qbb, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s,.... Power connector: AC-in jack. Rack mounting, Form factor: 1U

Management features		Design	
Switch type *	Managed	LED indicators	✓
Switch layer	L2/L3	Cable management	✓
Quality of Service (QoS) support	✓	Display type	LED
Ports & interfaces		Backlight display	✓
Basic switching RJ-45 Ethernet ports type *	✗	Number of fans	4 fan(s)
SFP module slots quantity	48	Performance	
Fiber optic connector	QSFP-DD, QSFP28-DD, QSFP28, SFP28	Built-in processor	✓
Console port	RJ-45	Internal memory	16000 MB
Power connector	AC-in jack	Compatible operating systems	Debian Linux version 9
Network		List of RFCs	IP, IPv4, IPv6, RIP, OSPF, IS-IS, BGP
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 802.3ac, IEEE 802.3ad, IEEE 802.3x	Minimum system requirements	Linux Kernel 4.9
10G support *	✓	Power	
Port mirroring	✓	Power supply included *	✓
Link aggregation	✓	Redundant power supply (RPS) support	✓
Address Resolution Protocol (ARP) entries (max)	128000	Number of power supply units	2
VLAN support	✓	AC input voltage	100 - 240 V
Virtual LAN features	Tagged VLAN	AC input frequency	50 - 60 Hz
Optical fiber		Power consumption (typical)	400 W
Switching optical modules type	100 Gigabit Ethernet	Power consumption (max)	602 W
Data transmission		Power over Ethernet (PoE)	
Switching capacity *	2000 Gbit/s	Power over Ethernet (PoE) *	✗
MAC address table *	16000 entries	Operational conditions	
Packet buffer memory	32 MB	Operating temperature (T-T)	0 - 45 °C
Security		Storage temperature (T-T)	-40 - 70 °C
Security algorithms	802.1x RADIUS, AES, EAP	Operating relative humidity (H-H)	5 - 90%
Multicast features		Storage relative humidity (H-H)	5 - 90%
Multicast support	✓	Heat dissipation	2054 BTU/h
		Weight & dimensions	
		Width	434 mm
		Depth	460 mm
		Height	44 mm
		Weight	9.7 kg

Protocols		Certificates	
Management protocols	CLI, SNMP, REST, API's	Certification	RoHS
Design		Logistics data	
Rack mounting *	✓	Harmonized System (HS) code	85176990
Stackable *	✓		
Form factor	1U		
Product colour	Black		



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Catalog Object Cloud



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