



DELL S-Series S4112F-ON Managed L2/L3 1U Black

Brand : DELL

Product family: S-Series

Product code:
DN_S4112FANV1



Product name : S4112F-ON

DELL S-Series S4112F-ON. Switch type: Managed, Switch layer: L2/L3. Installed SFP+ modules quantity: 12, Console port: RJ-45. Full duplex. MAC address table: 272 entries, Switching capacity: 840 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,... Rack mounting, Form factor: 1U



Management features		Security	
Switch type *	Managed	DHCP features	DHCPv6 relay, DHCPv6 server
Switch layer	L2/L3	Access Control List (ACL)	✓
Quality of Service (QoS) support	✓	SSH/SSL support	✓
Configuring Location Settings (CLI)	✓	Multicast features	
Ports & interfaces		Multicast support	✓
Basic switching RJ-45 Ethernet ports type *	✗	Design	
Installed SFP+ modules quantity *	12	Rack mounting *	✓
Console port	RJ-45	Stackable *	✓
QSFP28 ports quantity	3	Form factor	1U
Network		Product colour	Black
	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 802.3bj, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Number of fans	3 fan(s)
Networking standards *		Power	
10G support *	✓	Power source *	AC
Port mirroring	✓	Power supply included *	✓
Full duplex	✓	Number of power supply units	2
Link aggregation	✓	AC input voltage	100 - 240 V
IPv4 routes	200	AC input frequency	50 - 60 Hz
IPv6 routes	130	Power consumption (typical)	90 W
VLAN support	✓	Power consumption (max)	180 W
Virtual LAN features	Tagged VLAN	Power over Ethernet (PoE)	
Data transmission		Power over Ethernet (PoE) *	✗
Switching capacity *	840 Gbit/s	Operational conditions	
Throughput	625 Mpps	Operating temperature (T-T)	5 - 40 °C
MAC address table *	272 entries	Storage temperature (T-T)	-40 - 65 °C
Latency (10-100 Mbps)	800 µs	Operating relative humidity (H-H)	5 - 85%
Jumbo frames support	✓	Storage relative humidity (H-H)	5 - 95%
Packet buffer memory	12 MB	Heat dissipation	614 BTU/h

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