

Dell EMC Networking S4128F-ON

Switch - L3 - Managed - 28 x 10 Gigabit SFP+ + 2 x 100 Gigabit QSFP28 - front to back airflow - rack-mountable - Dell Smart Value Flexi

Group	Network Equipment
Manufacturer	Dell
Manufacturer item no.	210-ALSY
EAN/UPC	5397184074480



Description

Achieve performance, flexibility and cost-effectiveness with this ToR switch that features 28 x 10GbE SFP+ ports and 2 x 100GbE QSFP28 ports, and ONIE for zero-touch installation of alternate network operating systems.

Main features

Product Description	Dell EMC Networking S4128F-ON - switch - 28 ports - Managed - rack-mountable - Dell Smart Value Flexi
Device Type	Switch - 28 ports - L3 - Managed
Enclosure Type	Front to back airflow rack-mountable 1U
Subtype	10 Gigabit Ethernet
Ports	28 x 10 Gigabit SFP+ + 2 x 100 Gigabit QSFP28
Performance	Switching capacity: 960 Gbps Throughput: 720 Mpps
Capacity	ARP entries: 200000 IPv4 routes: 200000 IPv6 routes: 64000 IPv6 hosts: 130000 Multicast hosts: 8000 Links per group: 32 Link aggregation groups: 128 Layer 2 VLANs: 4000 MSTP instances: 32 ACL entries (ingress): 6000 ACL entries (egress): 1000
MAC Address Table Size	272000 entries
Routing Protocol	OSPF, BGP-4, OSPFv2, policy-based routing (PBR)
Remote Management Protocol	SNMP 1, SNMP 2
Features	Flow control, ARP support, port mirroring, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, Virtual Route Redundancy Protocol (VRRP) support, Multiple Spanning Tree Protocol (MSTP) support, Access Control List (ACL) support, Quality of Service (QoS), LACP support, LLDP support, Dynamic VLAN Support (GVRP), Priority-Based Flow Control (PFC), Internet Control Message Protocol (ICMP), DNS client
Compliant Standards	IEEE 802.3u, IEEE 802.3i, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.3ae, IEEE 802.3ac, IEEE 802.1s, IEEE 802.1t, IEEE 802.1ab (LLDP), IEEE 802.3ba, IEEE 802.1Qbb, IEEE 802.1Qaz, IEEE 802.3bj
Power	AC 120/230 V (50/60 Hz)
Power Redundancy	Yes
Dimensions (WxDxH)	43.1 cm x 45.7 cm x 4.4 cm
Weight	8.92 kg

Extended details

	General
Device Type	Switch - 28 ports - L3 - Managed
Enclosure Type	Front to back airflow rack-mountable 1U
Subtype	10 Gigabit Ethernet
Ports	28 x 10 Gigabit SFP+ + 2 x 100 Gigabit QSFP28
Performance	Switching capacity: 960 Gbps Throughput: 720 Mpps
Capacity	ARP entries: 200000 IPv4 routes: 200000 IPv6 routes: 64000 IPv6 hosts: 130000 Multicast hosts: 8000 Links per group: 32 Link aggregation groups: 128 Layer 2 VLANs: 4000 MSTP instances: 32 ACL entries (ingress): 6000 ACL entries (egress): 1000
MAC Address Table Size	272000 entries
Routing Protocol	OSPF, BGP-4, OSPFv2, policy-based routing (PBR)
Remote Management Protocol	SNMP 1, SNMP 2
Encryption Algorithm	MD5
Authentication Method	RADIUS, TACACS
Features	Flow control, ARP support, port mirroring, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, Virtual Route Redundancy Protocol (VRRP) support, Multiple Spanning Tree Protocol (MSTP) support, Access Control List (ACL) support, Quality of Service (QoS), LACP support, LLDP support, Dynamic VLAN Support (GVRP), Priority-Based Flow Control (PFC), Internet Control Message Protocol (ICMP), DNS client
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RAM	4 GB
	Expansion / Connectivity
Interfaces	28 x 10Gbit LAN SFP+ 2 x 100Gbit LAN QSFP28 1 x serial (RS-232) RJ-45 management 1 x 10/100/1000 Base-T RJ-45 management
	Power
Power Device	External power adapter - hot-plug
Installed Qty	2
Power Redundancy	Yes
Voltage Required	AC 120/230 V (50/60 Hz)
Power Consumption Operational	260 Watt
	Miscellaneous
Compliant Standards	EN 61000-3-2, EN 61000-3-3, EN 61000-4-4, EN 61000-4-2, EN 61000-4-3, EN 61000-4-6, EN 61000-4-5, RoHS, UL 60950-1 Second Edition, EN 60825-1, EN 60825-2, EN 60950-1 Second Edition, IEC 60950-1 Second Edition, ICES-003 issue 4 Class A, EN 300 386 V1.4.1, FDA 21CFR1040.10, FDA 21CFR1040.11, AS/NZS CISPR 32 Class A, VCCI V-3/2009 Class A, CSA 60950-1 Second Edition, EN 55032:2015+A1:2007, FCC CFR47 Part 15 B 2009 Class A, EN 55024:1998+A1:2001+A2:2003

Manufacturer Selling Program	Dell Smart Value Flexi
Dimensions & Weight	
Width	43.1 cm
Depth	45.7 cm
Height	4.4 cm
Weight	8.92 kg
Manufacturer Warranty	
Service & Support	Limited warranty - lifetime
Environmental Parameters	
Min Operating Temperature	5 °C
Max Operating Temperature	40 °C
Humidity Range Operating	5 - 85% (non-condensing)
Min Storage Temperature	-40 °C
Max Storage Temperature	65 °C
Humidity Range Storage	5 - 95% (non-condensing)

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