

# Dell EMC Networking S4128T-ON

Switch - L3 - Managed - 28 x 10GBase-T + 2 x 100 Gigabit QSFP28 - front to back airflow - rack-mountable - with 1 year Return to Depot



Group	Network Equipment
Manufacturer	Dell
Manufacturer item no.	210-ALTC
EAN/UPC	5397184222805

## Description

Designed for flexibility and high performance for demanding modern workloads and applications.

## Main features

Product Description	Dell EMC Networking S4128T-ON - switch - 28 ports - Managed - rack-mountable
Device Type	Switch - 28 ports - L3 - Managed
Enclosure Type	Front to back airflow rack-mountable 1U
Bundled Services	1 year Return to Depot
Subtype	10 Gigabit Ethernet
Ports	28 x 10GBase-T + 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	9.38 kg

## Extended details

<b>General</b>	
Device Type	Switch - 28 ports - L3 - Managed
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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
<b>Expansion / Connectivity</b>	
Interfaces	28 x 10Gbit LAN RJ-45   2 x 100Gbit LAN QSFP28   1 x serial (RS-232) RJ-45 management   1 x 10/100/1000 Base-T RJ-45 management
<b>Power</b>	
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	300 Watt
<b>Miscellaneous</b>	
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

**Dimensions & Weight**

Width	43.1 cm
Depth	45.7 cm
Height	4.4 cm
Weight	9.38 kg

**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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