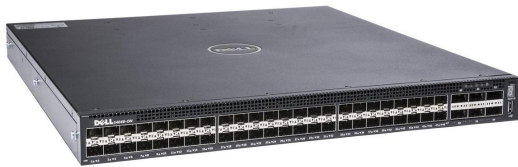


S4048-ON

Dell S4048-ON - 48x 10 Gigabit SFP+ and 6x 40GbE QSFP+ ports network switch

Product Overview

Dell 210-ADUW S4048-ON - 48x 10 Gigabit SFP+ and 6x 40GbE QSFP+ ports network switch, IO to PSU air, 2x PSUs, OS9, Ultra-low-latency ToR switch, 48x 10GbE SFP+, 6x 40GbE ports, Up to 720Gbps performance, Open Network Install Environment (ONIE)



Specifications

Overview:

Dell EMC Networking S4048-ON

Optimize your network for virtualization with a high-density, ultra-low-latency ToR switch that features 48 x 10GbE SFP+ and 6 x 40GbE ports (or 72 x 10GbE ports in breakout mode) and up to 720Gbps performance. The S4048-ON also supports Open Network Install Environment (ONIE) for zero-touch installation of alternate network operating systems.

Features:

Flexible, powerful 10GbE ToR switches for data centers of all sizes

Deploy modern workloads and applications designed for the open networking era with an optimized data center top-of-rack (ToR) networking solution that:

- Includes the 10GbE S4000-ON Series and S4100-ON Series switches, 1/10G BASE-T S4048T-ON, S4128T-ON and S4148T-ON switches, and 10GbE S4148FE, S4248FB-ON, and S4248FLB-ON switch
- Delivers low latency, superb performance and high density with hardware and software redundancy

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- Offers Active Fabric designs using S-or S-Series core switches to create a two-tier 1/20/40/100GbE data center network architecture
- The S4148U-ON has Fibre Channel ports for connections to Storage Area Networks
- Provides an ideal solution for applications in high-performance data center and computing environments

Optimized for the open networking era

Get more agility, more choices and lower costs than proprietary networks with select, open-standards-based ON (open networking) switches.

- Disaggregated-hardware/software solutions bring new levels of freedom and flexibility to your data center.
- Support for Open Network Install Environment (ONIE) enables zero-touch installation of alternate network operating systems.
- Your choice of network operating system helps simplify data-center fabric orchestration and automation.
- A broad ecosystem of open-source and Linux-based applications and tools provides more options to optimize and manage your network.

Developed for flexibility

The Dell EMC Networking S-Series 10/40GbE switches offer a family of products that enable you to find the ideal solution for your specific needs.

- Line-rate performance from 1/10G BASE-T to 40GbE and port densities from 28 to 48
- Efficient stacking offered in many S-Series models
- Industry-hardened and feature-rich operating system for maximum dependability and uptime with select third-party OS options
- Full support for iSCSI storage area networks, including DCB

Specifications:

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Specifications	
Product Code	S4048-ON
Chassis	
S4048-ON, S4048T-ON, S4128F-ON, S4148F-ON, S4128T-ON, S4148T-ON, S4148FE, S4148U, S4248FB-ON, S4248FBL-ON	1RU Fixed ports
S4148U	The S4148U enables converging LAN and SAN traffic in a single 1U ToR switch supporting FC8, FC16 and FC32 connectivity.
S4112F-ON, S4112T-ON	1RU, half-width fixed ports
Port Attributes	
S4048-ON	48x10GbE
	6x40GbE
S4048T-ON	48x10GBase-T
	6x40GbE
S4112F-ON	12x10GbE
	3x100GbE

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Product Specification Sheet

S4112T-ON	12x10GBase-T
	3x100GbE
S4128F-ON	28x10GbE
	2x10/25/40/50/100GbE
S4148F-ON	48x10G
	4x10/25/40/50/100GbE
S4128T-ON	28x10GBase-T
	2x10/25/40/50/100GbE
S4148T-ON	48x10GBase-T
	4x10/25/40/50/100GbE
S4148FE	48x10GbE
	2x40GbE
	4x10/25/40/50/100GbE
S4148U	24x10GbE
	24x10GbE or FC8/16
	2x40GbE
	4x10/25/40/50/100GbE or FC8/16/32
S4248FB-ON and S4248FBL-ON	40x10GbE
	2x40GbE
	6x100GbE
Other Switching	Open Networking
	S4248FB-ON and S4248FBL have deep buffers
	S4248FBL has larger tables
Multicast	Yes
Power	100 - 240 VAC 50/60 Hz
Routing	Full L2/L3 switching and routing
Immunity	EN300 386 V1.4.1:2008 EMC for Network Equipment, EN 55024: 1988 + A1: 2001 + A2: 2003, EN 61000-3-2: Harmonic Current Emissions, EN 61000-3-3: Voltage Fluctuations and Flicker, EN61000-4-2: ESD, EN 61000-4-3: Radiated Immunity, EN 61000-
Security	Yes
Management	CLI
	SNMP
	REST API's
Standards Supported	IEEE - 802.1, 802.3
	RFC - IP, IPv4, IPv6, RIP, OSPF, IS-IS, BGP
	Multicast, Security, Data Center Bridging
	Network Management

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Product Specification Sheet

RoHS	All S Series components are EU RoHS compliant
Quality of Service	Yes
Regulatory	Product Safety, EMC and Environmental Datasheets
	Dell Regulatory Compliance Home Page
	Dell and the Environment
VLAN	VLAN Tagging, Double VLAN Tagging, GVRP
Environmental Operating Conditions	Operating temperature: 32 degreesF to 113 degreesF (0 degreesC to 45 degreesC)
	Operating humidity: 10 to 85% (RH), non-condensing
Emissions/Safety	UL/CSA 60950-L Second Edition, EN 60950-1 Second Edition, IEC 60950-1 Second Edition Including all National Deviations and Group Differences, EN 60825-1 Safety of Laser Products Part1: Equipment Classification Requirements and User's Guide, EN 6

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx-computers.co.za/S4048-ON-Dell-S4048-ON-48x-10-Gigabit-SFP-and-6x-Buy-p-296021.php>

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