

Dell Networking S3148 - Switch

L3 - Managed - 48 x 10/100/1000 + 2 x 10 Gigabit SFP+ + 2 x combo Gigabit SFP - front to back airflow - rack-mountable - Dell Smart Value

Group	Interface Cards
Manufacturer	Dell
Manufacturer item no.	210-AIMR
EAN/UPC	5397184219690



Description

The S3100 switch offers a power-efficient and resilient Gigabit Ethernet (GbE) switching solution with integrated 10GbE uplinks for advanced Layer 3 distribution for offices and campus networks. The S3100 switch has high-performance capabilities and wire-speed performance utilizing a non-blocking architecture to easily handle unexpected traffic loads. The switches offer simple management and scalability via an 84 Gbps (full duplex) high-availability stacking architecture, that allows management from a single IP address.

Main features

Product Description	Dell Networking S3148 - switch - 48 ports - Managed - rack-mountable - Dell Smart Value
Device Type	Switch - 48 ports - L3 - Managed - stackable
Enclosure Type	Front to back airflow rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	48 x 10/100/1000 + 2 x 10 Gigabit SFP+ + 2 x combo Gigabit SFP
Performance	Switching fabric bandwidth: 260 Gbps Forwarding performance: 193 Mpps
Capacity	MAC addresses: 32000 IPv4 routes: 1024 IPv6 routes: 1024 IPv4 routes (dynamic): 8160 IPv6 routes (dynamic): 4096 Links per group: 16 Priority queues per port: 8 Layer 2 VLANs: 4000 MSTP instances: 64 VRF-lite instances: 64 Host table entries (IPv4): 40000 Host table entries (IPv6): 8000 Multicast table entries (IPv4): 8000
MAC Address Table Size	32K entries
Routing Protocol	VRRP, OSPFv2, IGMPv3, MSDP
Remote Management Protocol	SNMP 1, SNMP 2, RMON 1, RMON 2, RMON 3, RMON 9, SNMP 3
Features	MDI/MDI-X switch, port mirroring
Compliant Standards	IEEE 802.3u, 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 802.1ab (LLDP)
Power Redundancy	Optional
Dimensions (WxDxH)	43.4 cm x 40.7 cm x 4.35 cm
Manufacturer Selling Program	Dell Smart Value

Extended details

General

Device Type	Switch - 48 ports - L3 - Managed - stackable
Enclosure Type	Front to back airflow rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	48 x 10/100/1000 + 2 x 10 Gigabit SFP+ + 2 x combo Gigabit SFP
Performance	Switching fabric bandwidth: 260 Gbps Forwarding performance: 193 Mpps
Capacity	MAC addresses: 32000 IPv4 routes: 1024 IPv6 routes: 1024 IPv4 routes (dynamic): 8160 IPv6 routes (dynamic): 4096 Links per group: 16 Priority queues per port: 8 Layer 2 VLANs: 4000 MSTP instances: 64 VRF-lite instances: 64 Host table entries (IPv4): 40000 Host table entries (IPv6): 8000 Multicast table entries (IPv4): 8000
MAC Address Table Size	32K entries
Routing Protocol	VRRP, OSPFv2, IGMPv3, MSDP
Remote Management Protocol	SNMP 1, SNMP 2, RMON 1, RMON 2, RMON 3, RMON 9, SNMP 3
Authentication Method	RADIUS
Features	MDI/MDI-X switch, port mirroring
Compliant Standards	IEEE 802.3u, 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 802.1ab (LLDP)
RAM	2 GB
Expansion / Connectivity	
Interfaces	48 x Gigabit LAN RJ-45 2 x 10Gbit LAN SFP+ 2 x Gigabit LAN RJ-45/SFP 1 x USB Type A 1 x serial (RS-232) RJ-45 management 1 x 1000Base-T RJ-45 management
Power	
Power Device	Internal power supply - hot-plug
Installed Qty	1 (installed) / 2 (max)
Power Redundancy	Optional
Power Redundancy Scheme	1+1 (with optional power supply)
Power Provided	200 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, FCC CFR47 Part 15 B, EN 60825-1, ISO 7779, VCCI V-3, EN 60825-2, ICES-003 issue 4 Class A, EN 55024-2:1998+A1:2001+A2:2003, EN 300 386 V1.4.1, AS/NZS CISPR22:2006 Class A, IEC/UL/CSA/EN 60950-1, EN 55022:2006+A1:2007
Manufacturer Selling Program	Dell Smart Value
Dimensions & Weight	
Width	43.4 cm
Depth	40.7 cm
Height	4.35 cm
Manufacturer Warranty	
Service & Support	Limited warranty - lifetime
Environmental Parameters	
Min Operating Temperature	0 °C
Max Operating Temperature	45 °C

Min Storage Temperature	-40 °C
-------------------------	--------

Max Storage Temperature	65 °C
-------------------------	-------

Technical data © 1WorldSync. Subject to technical modifications and errors.