

Dell Networking S3124F - Switch

L3 - Managed - 24 x Gigabit SFP + 2 x 10 Gigabit SFP+ + 2 x combo Gigabit SFP - front to back airflow - rack-mountable - Dell Smart Value - with 3 Years Dell ProSupport

Group	Network Equipment
Manufacturer	Dell
Manufacturer item no.	210-AIMS
EAN/UPC	5397184219683



Description

The S3100 switch series 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 series has high-performance capabilities and wire-speed performance utilizing a non-blocking architecture to easily handle unexpected traffic loads. Use dual internal hot-swappable power supplies for high availability and power efficiency. The switches offer simple management and scalability via an 84 Gbps high-availability stacking architecture that allows management of up to 12 switches from a single IP address.

Main features

Product Description	Dell Networking S3124F - switch - 24 ports - Managed - rack-mountable - Dell Smart Value
Device Type	Switch - 24 ports - L3 - Managed - stackable
Enclosure Type	Front to back airflow rack-mountable 1U
Bundled Services	3 Years Dell ProSupport
Subtype	Gigabit Ethernet
Ports	24 x Gigabit SFP + 2 x 10 Gigabit SFP+ + 2 x combo Gigabit SFP
Performance	Switching fabric bandwidth: 212 Gbps Forwarding performance: 158 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
Weight	6 kg
Manufacturer Selling Program	Dell Smart Value

Extended details

General	
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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
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RAM	2 GB
Expansion / Connectivity	
Interfaces	24 x Gigabit LAN SFP 2 x 10Gbit LAN SFP+ 1 x serial (RS-232) RJ-45 management 1 x USB Type A 2 x Gigabit LAN RJ-45/SFP
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
Weight	6 kg

Manufacturer Warranty

Service & Support	Limited warranty - 3 years - response time: next business day
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Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	45 °C
Min Storage Temperature	-40 °C
Max Storage Temperature	65 °C

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