

Panduit® Solution for Cisco Nexus*/ACI** 9508 Double Spine



Overview

The Cisco Nexus* 9508 Switch enables data center stakeholders to deploy a highly scalable 40 Gigabit Ethernet (GbE) network that supports Cisco Application Centric Infrastructure (ACI) and virtualization technologies over a smaller number of more powerful servers and switches. Panduit's double spine converged solution supports the deployment of (2) Cisco Nexus* 9508 platforms using predefined elevations that meet typical installation scenarios.

With the addition of SmartZone™ Add-On Components, there is an additional value add that provides cabinet thermal management, as well as security access and monitoring.

Technical Information

Connectivity for Dual Cisco Nexus* 9508 Deployment	***Uplink Bundle Options available in OM4 LC-LC and PanMPO™
	UTP patch cables for 9508 management
	One line card worth of LC-LC or PanMPO™ per switch

Always follow active equipment manufacturer's recommended installation procedure.
Use original equipment packaging for shipment.

Cabinet	800mm (W) x 1200mm (D) x 45 RU (H) on standard pallet
	31.5 in (W) x 48 in (D) x 85 in (H)

***Due to the number of flexible deployment options, base part #'s and Add-On bundles are available for both OM4 LC-LC and PanMPO™ Mode A connectivity.



Active equipment not included. Image is of suggested equipment elevation using representative Cisco Nexus* 9508 switches.

Other ACI** Solutions Available

Cisco ACI 9508 Double Spine LC-LC Expansion Bundle (24 ports per switch)**

Cisco ACI 9508 Double Spine PanMPO™ Expansion Bundle (24 ports per switch)**

Cisco ACI 9508 End of Row Leaf Solution**

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Key Features and Benefits

Cabinet Accessories	Allows for proper installation and grounding of Cisco ACI* equipment	Side panel options: none/left/right/both PDU bracket options: none/left/right/both
Connectivity Package	Bundling of connectivity provides ease of purchase	***Patch Expansion Bundles available for LC-LC and PanMPO™ to expand 24 ports per switch (Inbound MPO trunks not included) UTP from SUP management to patch panels
Thermal Solutions	Tool-less blanking panels for cold aisle containment. Cool boot for switch power cables	Tool-less blanking panels maintain cold aisle containment Cool boot
Customer Patch Panel	Allows flexible connectivity of equipment to customer network	(2) Hi-Density HD Flex Enclosures, each containing connections for at least 48 MPO or LC-LC connections 1 RU Quick-Net™ Patch Panel for SUP uplinks
Grounding and Bonding	Features components to ensure best practices for grounding equipment; each system includes cabinet to facility ground and paint piercing grounding cage nuts from equipment to cabinet	(2) 10AWG Ground cables for switches (1) ESD Wrist Strap for End User
Cable Management	Manages cables away from equipment airflow and provides proper bend radius at each rack unit. Ensures cable routing and management best practices while improving cabinet airflow at rear of cabinet	Fingers at every RU

Recommended Accessories

SmartZone™	Features SmartTherm™ thermal monitoring and SmartAccess™ security/access control to optimize cabinet performance while offering data center protection	Emerald Tier Packages - Temperature Monitoring - Electronic Handle/Keypad Combo Sapphire Tier Packages - Temperature /Humidity Monitoring - HID Interface Handle with Access Cards
Power Distribution	SmartPower™ region specific PDU options include, but are not limited to the below configurations.	PDU Types - Basic, Network Enabled, SmartZone™ Gateway Enabled Options - Monitored, Monitored Per Outlet, Switched Per Outlet

	Americas Region				EMEA Region		
Current	30A	30A	30A	60A	32A	32A	32A
Voltage	208V	208V	208V	208V	230V/400V	230V/400V	230V/400V
Phase	Three Phase Delta	Single Phase	Three Phase Wye	Three Phase Delta	Single Phase	Three Phase Wye	Three Phase Wye
Color	Options Available	Black	Black	Options Available	Black	Black	Options Available
C13 Outlet Count	12 to 24	12 to 24	12 to 24	12 to 24	12 to 24	12 to 24	12 to 24
C19 Outlet Count	6 to 12	6 to 12	6 to 12	6 to 12	6 to 12	6 to 12	6 to 12
Plug Type	NEMA L15-30P	NEMA L6-30P	NEMA L21-30P	IEC 60309 3P/4W	IEC 60309 2P+E	IEC 60309 3P+N+E	IEC 60309 4P/5W

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For Panduit product warranty information, go to www.panduit.com and click the "Legal information" tab.

For more information

Visit us at www.panduit.com

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