

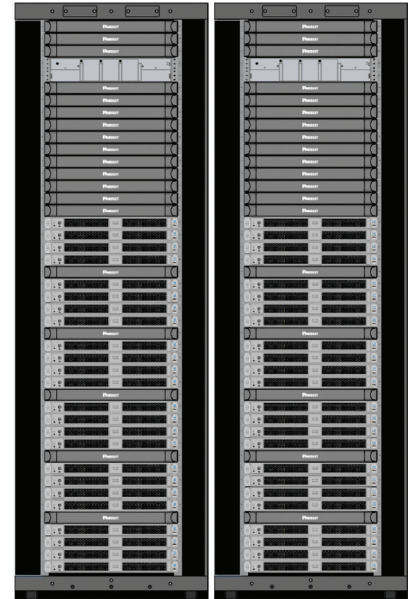
Panduit® Solution for Cisco Nexus* 9396/ACI Twin Leaf



Overview

The Cisco Nexus* 9396 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 Twin Leaf Converged Solution supports the deployment of Cisco Nexus* 9396 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.



Active equipment not included. Image is of suggested equipment elevation using representative Cisco UCS* C220 M5 nodes.

Technical Information

Connectivity for Cisco* 9396 Deployment	OM4 LC-LC push pull fiber patch cords for uplinks
	UTP patch cable for 9396 management
	UTP patch cables (blue/white), one each per server

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

Cabinet options	600/700/800mm (W) x 1200mm (D) x 45 RU (H) on standard pallet
	23.6/27.6/31.5 in (W) x 48 in (D) x 85 in (H)
	Dynamic shippable option also available in some heights

Other ACI* Solutions Available

Cisco ACI 9508 Double Spine Solution

Cisco ACI Triple Leaf Solution

Cisco ACI Quad 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 as lengths and colors are optimized to show data path	Uplinks for switches LC-LC from leaf to spine via patch panel UTP from nodes to switches
Thermal Solutions	Tool-less blanking panels for cold aisle containment. Thermal duct for switch	Tool-less blanking panels maintain cold aisle containment Thermal duct for 9396
Customer Patch Panel	Allows flexible connectivity of equipment to customer network	(1) 24-port panel (in cabinets with switch in it)
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	(1) 10AWG ground cables for switch (only in cabinet with switch in it) (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 Horizontal cable managers

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

WORLDWIDE SUBSIDIARIES AND SALES OFFICES

PANDUIT US/CANADA
Phone: 800.777.3300

PANDUIT EUROPE LTD.
London, UK
cs-emea@panduit.com
Phone: 44.20.8601.7200

PANDUIT SINGAPORE PTE. LTD.
Republic of Singapore
cs-ap@panduit.com
Phone: 65.6305.7575

PANDUIT JAPAN
Tokyo, Japan
cs-japan@panduit.com
Phone: 81.3.6863.6000

PANDUIT LATIN AMERICA
Guadalajara, Mexico
cs-la@panduit.com
Phone: 52.33.3777.6000

PANDUIT AUSTRALIA PTY. LTD.
Victoria, Australia
cs-aus@panduit.com
Phone: 61.3.9794.9020

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

For more information

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Contact Customer Service by email: cs@panduit.com
or by phone: 800.777.3300

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