Cisco Catalyst Center DN4

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Product overview

Cisco® Catalyst® Center is a powerful network management system that provides a centralized network management system for Cisco networking devices.

Catalyst Center provides a single pane of glass for managing your entire Cisco enterprise network, including switches, routers, and wireless access points.

Catalyst Center's key capabilities

- **Automation:** Catalyst Center automates critical network tasks such as device deployment, configuration, software updates, and troubleshooting.
- **Deep insights:** Leveraging AI, Catalyst Center provides insights and analytics to aid in optimizing end-user experience and security.
- **Zero-trust policy:** This solution helps identify threats and ensure network compliance to secure the enterprise.

Catalyst Center DN4s are a family of preconfigured hardware appliances designed to deliver enterprise-grade performance and simplified deployment of Catalyst Center. The appliances are available in three form factors to support the demands of different workloads. They all come with the Catalyst Center software pre-installed to help you get up and running quickly and efficiently.

The Catalyst Center DN4 appliances are based on Cisco UCS® C225 M8 Rack Servers and are configured specifically to support Catalyst Center.

Catalyst Center DN4 benefits:

- **Simplified deployment:** Preinstalled software accelerates setup and improves time to value.
- **Enhanced performance:** Powerful hardware delivers exceptional performance for demanding workloads.
- **Flexibility:** With three models to choose from, you can get the right appliance for your needs.

Hardware specifications

Table 1. Hardware specifications

Physical specifications	DN4-HW-APL, DN4-HW-APL-L and DN4-HW-APL-XL
Image	
Hardware series	Cisco UCS C225 M8 Rack Server (data sheet)
Form factor	1RU rack server
Power supply	2 hot-pluggable, redundant 1200W titanium-certified AC
Physical dimensions	Height: 1.70 in. (4.3 cm) Width: 16.9 in. (42.9 cm) Depth: 30.0 in. (76.2 cm)

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Physical specifications	DN4-HW-APL, DN4-HW-APL-L and DN4-HW-APL-XL
Operating temperature	5°C to 35°C (41°F to 95°F) (supports ASHRAE Class A4 and/or Class A3 and/or Class A2). ASHRAE Class A3 will be generic test profile unless otherwise specified by product engineering. System will continue to operate with a single fan failure (one failed impeller in dual impeller housings) across the ASHRAE recommended operating range of 18°C to 27°C (64.4°F to 80.6°F). While undesired, increased power consumption and/or acoustic noise is permitted during a fan fail event.
Non-operating temperature	Dry bulb temperature of -40°C to 65°C (-40°F to 149°F)
Operating humidity	8% to 90% relative humidity, non-condensing, with maximum wet bulb 28°C (82.4°F) within operational temperature range of 5°C to 50°C (41°F to 122°F)
Non-operating humidity	5% to 93% relative humidity, non-condensing, with a maximum wet bulb temperature of 28°C (82.4°F) across the 20°C (68°F) to 40°C (104°F) dry bulb range
Operating altitude	A maximum elevation of 3050 meters (10,006 ft)
Nonoperating altitude	An elevation of 0 to 12,000 meters (39,370 ft)
Network and management I/O	Supported connectors: 1 Gigabit Ethernet dedicated Ethernet management port Two 10 Gigabit BASE-T Ethernet LAN ports One RS-232 serial port (RJ-45 connector) VGA display port (DB15 connector) USB 3.0 ports (two) KVM connector (used with KVM cable that provides two USB 2.0, one VGA, and one serial connector)

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Regulatory compliance

Table 2. Regulatory compliance

Parameter	Description
Regulatory compliance	Products should comply with CE Markings per directives 2014/30/EU and 2014/35/EU.
Safety	UL 60950-1/62368-1 CAN/CSA-C22.2 No. 60950-1/62368-1 IEC/EN 60950-1/62368-1 AS/NZS 62368.1 GB 4943.1 – 2022 CNS 15598-1:2020
EMC - Emissions	47CFR Part 15 (CFR 47) Class A AS/NZS CISPR32 Class A CISPR32 Class A EN55032 Class A ICES003 Class A VCCI-CISPR32 Class A EN61000-3-2 EN61000-3-3 KS C 9832 Class A EN 300386 Class A
EMC – Immunity	EN55035 EN55024 CISPR24/35 EN300386 KS C 9835 IEC/EN61000-6-1

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Scale

Please see the latest Catalyst Center Data Sheet for detailed scale information.

Supported Cisco Catalyst Center versions

The DN4 appliances require Cisco Catalyst Center Release 3.3.1 or newer.

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Cisco Capital® makes it easier to get the right technology to achieve your objectives, enable business transformation and help you stay competitive. We can help you reduce the total cost of ownership, conserve capital, and accelerate growth. In more than 100 countries, our flexible payment solutions can help you acquire hardware, software, services and complementary third-party equipment in easy, predictable payments. Learn more.

How to buy

To view buying options and speak with a Cisco sales representative, visit www.cisco.com/c/en/us/buy.html.

For the Cisco Catalyst Center DN4 Ordering Guide, please see https://www.cisco.com/c/en/us/products/collateral/cloud-systems-management/dna-center/catalyst-center-dna-dn4-appliance-og.html.

For more information

For more information, please visit the following resources:

- Cisco Catalyst Center: https://www.cisco.com/go/CatalystCenter
- Cisco Catalyst Center Software Data Sheet: https://www.cisco.com/c/en/us/products/collateral/cloud-systems-management/dna-center/nb-06-dna-center-data-sheet-cte-en.html

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