Cisco Catalyst Center DN3

Contents

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 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 DN3s 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 DN3 appliances are based on Cisco UCS® C220 and UCS C240 servers and are configured specifically to support Catalyst Center.

Catalyst Center DN3 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	DN3-HW-APL and DN3-HW-APL-L	DN3-HW-APL-XL
Image		
Hardware series	Cisco UCS C220 M6 Rack Server ([data sheet](#))	Cisco UCS C240 M6 Rack Server ([data sheet](#))
Form factor	1RU	2RU
Power supply	2 hot-pluggable, redundant 2300W titanium-certified AC	2 hot-pluggable, redundant 2300W titanium-certified AC
Physical dimensions	Height: 1.70 in. (4.3 cm) Width: 16.9 in. (42.9 cm) Depth: 18.9 in. (48.0 cm)	Height: 3.42 in. (8.7 cm) Width: 16.9 in. (42.9 cm) Depth: 18.9 in. (48.0 cm)
Operating temperature	Dry bulb temperature of 50°F to 95°F (10°C to 35°C)	Dry bulb temperature of 50°F to 95°F (10°C to 35°C)
Non-operating temperature	Dry-bulb temperature of -40°F to 149°F (-40°C to 65°C)	Dry-bulb temperature of -40°F to 149°F (-40°C to 65°C)
Operating humidity	10% to 90% and 82.4°F (28°C) maximum dew-point temperature, noncondensing environment	10% to 90% and 82.4°F (28°C) maximum dew-point temperature, noncondensing environment
Non-operating humidity	5% to 93% relative humidity, noncondensing, with a maximum wet-bulb temperature of 28°C across the 20°C to 40°C dry bulb range.	5% to 93% relative humidity, noncondensing, with a maximum wet-bulb temperature of 28°C across the 20°C to 40°C dry bulb range.
Operating altitude	A maximum elevation of 10,006 ft (3050 m)	A maximum elevation of 10,006 ft (3050 m)
Nonoperating altitude	An elevation of 0 to 39,370 ft (12,000 m)	An elevation of 0 to 39,370 ft (12,000 m)
Network and management I/O	Supported connectors: One 1 Gigabit Ethernet dedicated management port Two 1/10 Gigabit BASE-T Ethernet LAN ports One RS-232 serial port (RJ-45 connector) One 15-pin VGA2 connector Two USB 3.0 connectors One front-panel KVM connector that is used with a KVM cable, which provides two USB 2.0s, one VGA, and one serial (DB-9) connector	Supported connectors: One 1 Gigabit Ethernet dedicated management port Two 1/10 Gigabit BASE-T Ethernet LAN ports One RS-232 serial port (RJ-45 connector) One 15-pin VGA2 connector Three USB 3.0 connectors One front-panel KVM connector that is used with a KVM cable, which provides two USB 2.0s, one VGA, and one serial (DB-9) connector

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 Second Edition CAN/CSA-C22.2 No. 60950-1 Second Edition EN 60950-1 Second Edition IEC 60950-1 Second Edition AS/NZS 60950-1 GB4943 2001
EMC - Emissions	47CFR Part 15 (CFR 47) Class A AS/NZS CISPR32 Class A CISPR32 Class A EN55032 Class A ICES003 Class A VCCI Class A EN61000-3-2 EN61000-3-3 KN32 Class A CNS13438 Class A
EMC – Immunity	EN55024 CISPR24 EN300386 KN35

Scale

Please see the latest [Catalyst Center Data Sheet](#) for detailed scale information.

Supported Cisco Catalyst Center versions

The DN3 appliances require Cisco Catalyst Center Release 2.3.7.5 or newer.

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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 DN3 Ordering Guide, please see https://www.cisco.com/c/en/us/products/collateral/cloud-systems-management/dna-center/catalyst-formerly-gen-app-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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