Get a Quote

Overview

ASR-9006-DC-V2 is the Cisco ASR-9006 DC Chassis with PEM Version 2. The Cisco ASR 9000 Series has a modular power architecture available in both AC and DC. The power supplies are housed in field-serviceable Power Entry Modules (PEMs), which also come in AC and DC forms. Each PEM can hold up to three or four modules depending on its corresponding type, with no power zones or placement restrictions (mixing of AC and DC supplies is not supported).

To provide ASR 9006 functions, ASR-9006-DC-V2 needs to be configured with necessary components separately.

Quick Specification

Product Code	ASR-9006-DC-V2
Type	Cisco ASR-9006 DC Chassis with PEM Version 2
Slots	4 Line Cards 2 RSPs
Rack Size	10 RU
Max Capacity	7 Tbps
Size (H x W x D)	17.5 in. x 17.5 in. x 28.65 in.
Power	AC: 3 kW power module DC: 1.5 kW or 2.1 kW power modules Note: Mixing of AC and DC modules is not supported
Fan	2 fan trays
Airflow	Side to Side (Front to Back Option)
RSP / RP	2 (1+1 RSP redundancy)
Fabric Architecture	1+1 fabric redundancy
Software	IOS XR

Product Details:

The Front Panel:

Accessories For ASR-9006-DC-V2:

Recommended Components:

Model	Description
ASR-9006-FAN	ASR-9006-FAN Cisco ASR 9006 Series Fan Tray
PWR-2KW-DC-V2	Cisco ASR 9000 Power Module PWR-2KW-DC-V2 2KW DC Power Module Version 2 for ASR-9006 & ASR-9010 Spare
A9K-RSP440-TR	Cisco ASR 9000 Route Switch Processor A9K-RSP440-TR ASR9K Route Switch Processor with 440G/slot Fabric and 6GB
A9K-RSP440-SE	Cisco ASR 9000 Route Switch Processor A9K-RSP440-SE ASR9K Route Switch Processor with 440G/slot Fabric and 12GB
A9K-SIP-700	Cisco ASR 9000 Interface A9K-SIP-700 Cisco ASR 9000 Series SPA Interface Processor-700
A9K-24X10GE-SE	Cisco ASR 9000 Series Router Ethernet Linecard A9K-24X10GE-SE ASR 9000 24-port 10GE, Service Edge Optimized LC (spare)
A9K-2X100GE-SE	Cisco ASR 9000 Series Router Ethernet Linecard A9K-2X100GE-SE ASR 9000 2-port 100GE, Service Edge Optimized LC (spare)
A9K-2X100GE-TR	Cisco ASR 9000 Series Router Ethernet Linecard A9K-2X100GE-TR ASR 9000 2-port 100GE, Packet Transport Optimized LC (spare)

Compare to Similar Items:

Model	ASR-9006-DC	ASR-9006-DC-V2
Type	Cisco ASR-9006 DC Chassis	Cisco ASR-9006 DC Chassis PEM Version 2
Slots	4 Line Cards 2 RSPs	4 Line Cards 2 RSPs
Rack Size	10 RU	10 RU

Get more information:

Do you have any question about the ASR-9006-DC-V2?

Contact us now via e-mail: info@hi-network.com

Specific Data Sheet:

Product Name	ASR-9006-DC-V2
Description	Cisco ASR 9006 System ASR-9006-DC-V2 ASR 9006 DC Chassis with PEM Version 2
Physical specifications	Height: 17.50 in. (444.5 mm) (10 RU) Width: 17.38 in. (441.45 mm) Depth: ● With doors: 29.05 in. (737.9 mm) ● Without doors: 29.05 in. (737.9 mm) Weight: ● 89.55 lb (40.7 kg) (chassis with PEM) 150 lb (65.91 kg) (fully loaded, excluding line cards and power modules) – RSP, two v2 FAN trays, PEMs
Slot orientation	Horizontal
Cisco ASR 9000 Series RSP	Dual redundant RSPs with integrated fabric in 2 slots
Cisco ASR 9000 Series line cards	4 line-card slots
"Commons" components	2 RSPs 2 fan trays 1 PEM (either DC or AC) 1 fan filter
Reliability and availability	Fabric redundancy Fan redundancy Feed redundancy Power-supply redundancy RSP redundancy Software redundancy
Rack mounting	19-in. default

	21- and 23-in. adapters available Note: Minimum 17.75-in. opening between posts is needed for proper operation
Cabinet mounting	Yes Note: Doors not recommended in enclosed cabinets
Wall mounting	No
Airflow	Right-to-back, Front-to-back with baffle
Performance	
Fabric	One per RSP: ● Active/active nonblocking operation mode in dual-RSP redundant configuration ● Fully redundant in dual-RSP redundant configuration ● Built-in service-intelligence and traffic-prioritization capability
Thermal	Two fan trays: ● 6 high-efficiency fans per tray ● Variable-speed fans for optimal thermal performance ● No single point of failure
Fabric	One per RSP: ● Active/active nonblocking operation mode in dual-RSP redundant configuration ● Fully redundant in dual-RSP redundant configuration ● Built-in service-intelligence and traffic-prioritization capability
Power	
Modularity	Pay-as-you-grow power for future scalability, available in AC and DC. Multiple power module types: ● 3 kW AC power module ● 2.1 kW DC power module Note: Mixing of AC and DC modules is not supported
Redundancy	● AC: N+N redundancy ● DC: N+1 redundancy ● Power module redundancy ● A/B Feed redundancy
Power zones	No power zone restrictions Fully load-sharing power infrastructure
Power input	Worldwide ranging AC (200-240V; 50-60 Hz; 16A maximum) Worldwide ranging DC (-40 to -72V; 50A nominal, 60A maximum)
Power-module airflow	Front-to-back
Operating temperature (nominal)	41 to 104ºF (5 to 40ºC)
Operating temperature (short-term)[2]	ASR 9006: 23 to 131ºF (-5 to 55ºC) ASR 9010: 23 to 122ºF (-5 to 50ºC)
Operating humidity (nominal) (relative humidity)	5 to 90%
Storage temperature	-40 to 158ºF (-40 to 70ºC)
Storage (relative humidity)	5 to 93%
Operating altitude	-60 to 4000m (up to 2000m conforms to IEC/EN/UL/CSA 60950 requirements)
Network Equipment Building Standards (NEBS)	Cisco ASR 9006 is designed to meet:

	• SR-3580: NEBS Criteria Levels (Level 3) • GR-1089-CORE: NEBS EMC and Safety • GR-63-CORE: NEBS Physical Protection • VZ.TPR.9205: Verizon TEEER
ETSI standards	Cisco ASR 9006 is designed to meet: • EN300 386: Telecommunications Network Equipment (EMC) • ETSI 300 019 Storage Class 1.1 • ETSI 300 019 Transportation Class 2.3 • ETSI 300 019 Stationary Use Class 3.1
EMC standards emission	Cisco ASR 9006 is designed to meet: • FCC Class 47CFR15 A • ICES 003 Class A • AS/NZS CISRP22 Class A • CISPR 22 (EN55022) Class A • VCCI Class A • BSMI Class A • IEC/EN 61000-3-12: Power Line Harmonics • IEC/EN 61000-3-11: Voltage Fluctuations and Flicker • EN55022: Information Technology Equipment (Emissions) • EN 50121-4: Railway EMC
EMC standards immunity	Cisco ASR 9006 is designed to meet: • IEC/EN-61000-4-2: Electrostatic Discharge Immunity (8kV Contact, 15kV Air) • IEC/EN-61000-4-3: Radiated Immunity (10V/m) • IEC/EN-61000-4-4: Electrical Fast Transient Immunity (2kV Power, 1kV Signal) • IEC/EN-61000-4-5: Surge AC Port (4kV CM, 2kV DM) • IEC/EN-61000-4-5: Signal Surge Ports (1kV) • IEC/EN-61000-4-5: Surge DC Port (1kV CM, 1kV DM) • IEC/EN-61000-4-6: Immunity to Conducted Disturbances (10Vrms) • IEC/EN-61000-4-8: Power Frequency Magnetic Field Immunity (30A/m) • IEC/EN-61000-4-11: Voltage DIPS, Short Interruptions, and Voltage Variations • EN55024: Information Technology Equipment (Immunity) • EN50082-1/EN-61000-6-1: Generic Immunity Standard • EN 50121-4: Railway EMC
Safety	Cisco ASR 9006 is designed to meet: • UL/CSA/IEC/EN 60950-1 • IEC/EN 60825 Laser Safety • ACA TS001 • AS/NZS 60950 • FDA Code of Federal Regulations Laser Safety

Want to Buy

Get a Quote

Learn More about Hi-Network | Search our Resource Library | Follow us on LinkedIn | Contact for Sales or Support

Contact HI-NETWORK.COM For Global Fast Shipping

HongKong Office Tel: +00852-66181601

HangZhou Office Tel: +0086-571-86729517

Email: info@hi-network.com

Skype: echo.hinetwork

WhatsApp Business: +8618057156223