ASR-903 Datasheet

Get a Quote

Overview

Cisco ASR-903 is ASR 900 Series Router Chassis. Cisco ASR 900 Series Aggregation Services Routers are full-featured, modular aggregation platforms. They're designed for the cost-effective delivery of converged mobile, residential, and business services. You get redundancy, a shallow depth, low power consumption, and high service scale in routers packed with useful features and optimized for small aggregation and remote point-of-presence (POP) applications.

Quick Specs

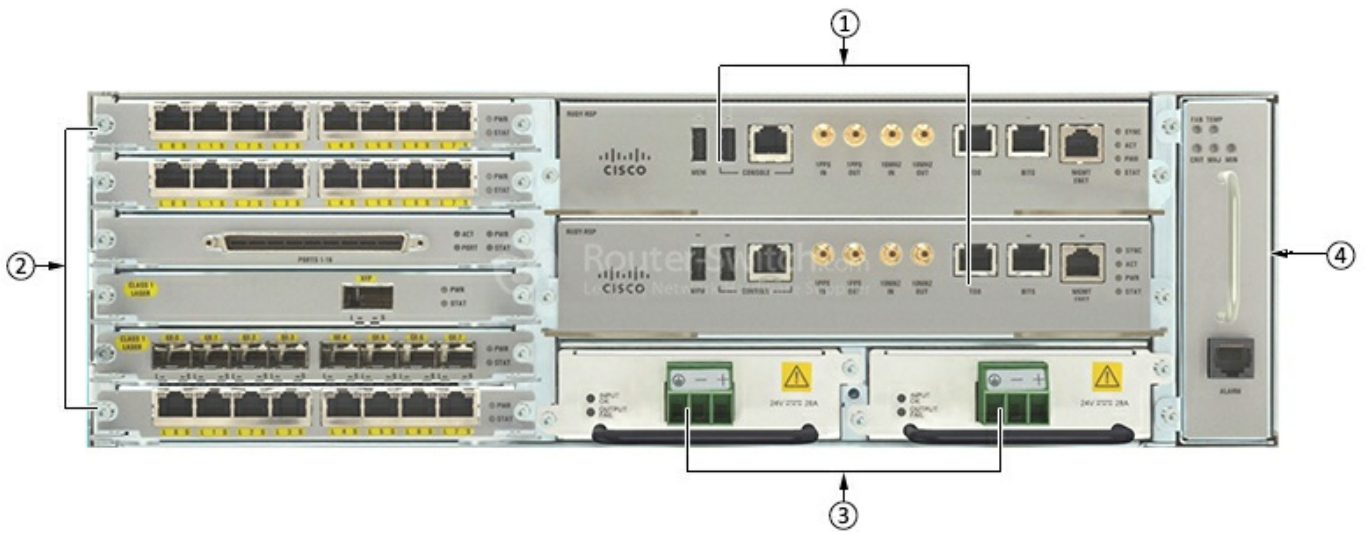**Figure 1 shows the appearance of ASR-903. Those modules in the chassis must be purchased separately.**

Table 1 shows the quick specs.

Part Number	ASR-903
Rack mounts	ETSI rack mount kit 19 in. rack mount kit 23 in. rack mount kit
Power supplies	2 power supply slots
Interface modules	6 interface module slots
Route switch processors	2 RSP slots
Fan tray	1 fan tray with fan redundancy 4 dry contact input alarms on the fan tray
Physical specifications	Height: 5.22 in. (132.6 mm) - 3RU Width: 17.44 in. (443 mm) Depth: 9.22 in. (234.2 mm) Weight: - 34.17 lb (15.5 kg) with two RSPs, two DC power supplies, and loaded with a typical combination of interface module cards - 11.2 lb (5.1 kg) for an empty chassis - 38 lb shipment weight
Air flow	Side-to-side airflow; inlet on the right side, outlet on the left side when looking from the front

Product Details

Figure 2 shows the front panel of ASR-903. Those modules in the chassis must be purchased separately.

Note:

(1)	2 RSP unit Slots	(3)	Redundant power units (two DC power units are shown)
(2)	6 Interface modules Slots	(4)	Fan tray

Modules and Accessories

Table 2 shows the recommended models.

Models	Description
A903-RCKMNT-19IN	Cisco A903-RCKMNT-19IN ASR 903 EIA 19in Rack Mount Kit, Spare
A903-CABLE-GUIDE	Cisco A903-CABLE-GUIDE ASR 903 Cable Guide, Spare
A900-CONS-KIT-U	Cisco A900-CONS-KIT-U ASR 900 USB Console Cabling Kit, Spare
A903-RSP1A-55	Cisco ASR 903 Route Switch Processor A903-RSP1A-55 ASR 903 Route Switch Processor 1, Base Scale
A900-IMA16D	Cisco ASR 903 Interface Modules A900-IMA16D ASR 900 16 port T1/E1 Interface Module, Requires patch panel
A900-IMA4OS	Cisco ASR 903 Interface Modules A900-IMA4OS ASR 900 4 port OC3/STM1 or 1 port OC12/STM4 Interface Module
A900-IMA8T	Cisco ASR 903 Interface Modules A900-IMA8T ASR 900 8 port 10/100/1000 Ethernet Interface Module
A900-IMA8S	Cisco ASR 903 Interface Modules A900-IMA8S ASR 900 8 port SFP Gigabit Ethernet Interface Module
A900-IMA1X	Cisco ASR 903 Interface Modules A900-IMA1X ASR 900 1 port 10GE XFP Interface Module
A903-FAN	Cisco ASR 903 FAN A903-FAN ASR 903 FAN Tray
A900-PWR550-A	Cisco ASR 900 Power Supply A900-PWR550-A ASR 900 550W AC Power Supply
A900-PWR550-D	Cisco ASR 900 Power Supply A900-PWR550-D ASR 900 550W DC Power Supply
SLASR903-I-A=	Cisco ASR 903 Licenses SLASR903-I-A ASR 903 Metro IP to Metro Aggregation Paper PAK
SLASR903-A=	Cisco ASR 903 Licenses SLASR903-A ASR 903 Metro Aggregation Services

Compare to Similar Items

Table 3 shows the comparison.

Part Number	ASR-903	ASR-9006-AC-V2
Description	Cisco ASR 900 Series ASR 903 Router Chassis	Cisco ASR 9006 System ASR-9006-AC-V2 ASR 9006 AC Chassis with PEM Version 2

Slots	6 Line Cards 2 RSPs 1 fan trays 2 power supplies	4 Line Cards 2 RSPs 2 fan trays 2 (1+1 RSP redundancy)
Software	IOS XE	IOS XR

Get more information

Do you have any question about the ASR-903?

Contact us now via **Live Chat** or **sales@router-switch.com**.

Specification

Cisco ASR 903 Router Specifications	
Physical specifications	Height: 5.22 in. (132.6 mm) - 3RU Width: 17.44 in. (443 mm) Depth: 9.22 in. (234.2 mm) Weight: ● 34.17 lb (15.5 kg) with two RSPs, two DC power supplies, and loaded with a typical combination of interface module cards ● 11.2 lb (5.1 kg) for an empty chassis ● 38 lb shipment weight
Rack mounts	ETSI rack mount kit 19 in. rack mount kit 23 in. rack mount kit
Power supplies	2 power supply slots
Interface modules	6 interface module slots
Route switch processors	2 RSP slots
Fan tray	1 fan tray with fan redundancy 4 dry contact input alarms on the fan tray
Air flow	Side-to-side airflow; inlet on the right side, outlet on the left side when looking from the front
Power supplies	Up to 2 power supplies (AC or DC) Modules operate in load-share mode System can operate on a single power supply and supports mixing of one AC and one DC power supplies in a single chassis.
Chassis MTBF at 40ºC operating temperature	900,000 hours
Fan Tray MTBF at 40ºC operating temperature	600,000 hours
Power consumption	Maximum input power 1350W (including loss). This is equivalent to 4600 BTU per hr.
AC input voltage and frequency	Voltage range: 85 to 264 VAC, nominal 115 to 230 VAC Frequency Range: 47 to 63 Hz, nominal 50 to 60 Hz
AC Power Supply MTBF at 40ºC operating temperature	300,000 hours
DC input voltage	For 550W DC power supply, voltage range: 19.2V to 72V DC, nominal +24V DC, -48V/–60V DC. For 1200W DC power supply, voltage range: –40.8V to –72V DC, nominal –48V/–60V DC
DC Power Supply MTBF at 40ºC operating temperature	300,000 hours
Power Supply shipment packaging size (L x W x H)	15.44 in. x 9.44 in. x 4.31 in.
Power Supply shipment weight	3.6 lbs.

Operating environment and altitude	–40 to 65ºC operating temperature (DC operation, with both the 550W and the 1200W power supplies) –40 to 65ºC operating temperature (AC operation, with the 1200W power supply) –5 to 55ºC operating temperature (AC operation, with 550W AC power supply) 0 to 40ºC operating temperature (AC operation, with 550W AC power supply) –60 to 1800m operating altitude (for full operating temperature range) Up to 4000m operating altitude (at up to 40ºC temperature)

Want to Buy

Order Now   Get a Quote

Why Router-switch.com

As a leading network hardware supplier, Router-switch.com focuses on original new ICT equipment of Cisco, Huawei, HPE, Dell, Hikvision, Juniper, Fortinet, etc.

200+
Countries we Sold

18,000+
Customers Trusted

$20,000,000
Inventory Available

50%–98%
Off Global List Price

100%
Safe Online Shopping

Contact Us

- Tel: +1-626-655-0998 (USA) +852-3050-1066 / +852-3174-6166
- Fax: +852-3050-1066 (Hong Kong)
- Email: sales@router-switch.com