

Overview

A901-6CZ-F-D is Cisco ASR 901 Series Aggregation Services Router Chassis, with Ethernet-only interfaces, 10 GE, DC power, and USB. Cisco ASR 901 Series Aggregation Services Routers are hardened, high-speed, low-power-consumption routers optimized for any-generation cell-site Radio Access Network (RAN) backhaul and Ethernet access. By using Cisco ASR 901 routers, operators can reduce backhaul operating costs, simplify and converge their RAN and Ethernet access networks, and enhance their profit opportunities with mobile and premium Ethernet services.

Quick Specs

Figure 1 shows the appearance of A901-6CZ-F-D.

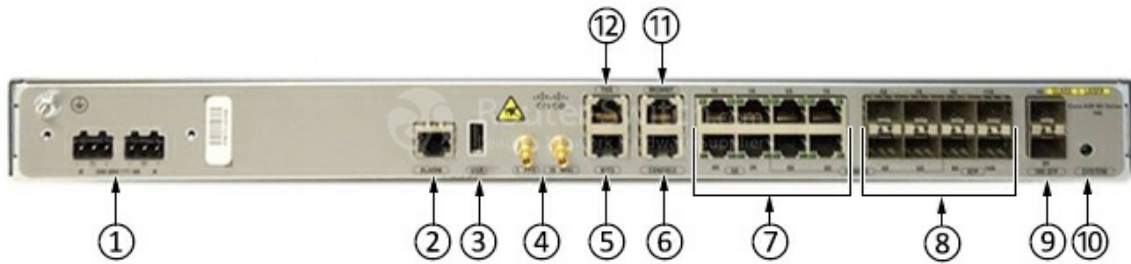


Table 1 shows the quick spec.

Model	A901-6CZ-F-D
Dimensions (H x W x D)	1.7 x 17.5 x 9.1 in. (43.2 x 444.5 x 231 mm), 1RU
Weight	7.93 lb (3.6 kg)
Memory	Flash memory: 128 MB (onboard flash) System memory: 1 GB (DDR3)
Rack mounts	10 GE models: · 19-in. rack mount option · 23-in. rack mount option · ETSI rack mount option · Recessed rack mount option for 19-in. cabinets · Recessed rack mount option for 23-in. cabinets · Recessed rack mount option for ETSI cabinets · Wall mount option
Ethernet ports	4 100/1000 RJ-45 Gigabit Ethernet ports 4 x 1 SFP Gigabit Ethernet ports 4 x 1 Gigabit Ethernet Combo ports 2 x 10 Gigabit Ethernet ports (10 GE models only)
Console port	1 (up to 115.2 Kbps)
USB port	1 supported

Product Details

Figure 2 shows the front panel of A901-6CZ-F-D.



Notes:

(1)	Power Connector	(7)	8 GE Ports
(2)	Alarm	(8)	8 SFP Ports
(3)	USB Port	(9)	10G SFP+ Ports
(4)	MINI-Coax Connector (10MHZ) and MINI-Coax Connector (1PPS)	(10)	Power LED
(5)	BITS Port	(11)	Management Port
(6)	Console Port	(12)	ToD Port

Compare to Similar Item

Table 2 shows the comparison between A901-6CZ-F-A and A901-6CZ-F-D.

Model	A901-6CZ-F-A	A901-6CZ-F-D
Description	Cisco ASR 901 Series Aggregation Services Router Chassis, Ethernet-only interfaces, 10 GE, AC power, USB	Cisco ASR 901 Series Aggregation Services Router Chassis, Ethernet-only interfaces, 10 GE, DC power, USB
Dimensions (H x W x D)	1.7 x 17.5 x 9.1 in. (43.2 x 444.5 x 231 mm), 1RU	1.7 x 17.5 x 9.1 in. (43.2 x 444.5 x 231 mm), 1RU
Weight	7.93 lb (3.6 kg)	7.93 lb (3.6 kg)
Memory	Flash memory: 128 MB (onboard flash) System memory: 1 GB (DDR3)	Flash memory: 128 MB (onboard flash) System memory: 1 GB (DDR3)

Get more information

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Specification

A901-6CZ-F-D Specifications	
Description	Cisco ASR 901 Series Aggregation Services Router Chassis, Ethernet-only interfaces, 10 GE, DC power, USB
System Specifications	
Dimensions (H x W x D)	1.7 x 17.5 x 9.1 in. (43.2 x 444.5 x 231 mm), 1RU

Weight	7.93 lb (3.6 kg)
Memory	Flash memory: 128 MB (onboard flash) System memory: 1 GB (DDR3)
Rack mounts	10 GE models: · 19-in. rack mount option · 23-in. rack mount option · ETSI rack mount option · Recessed rack mount option for 19-in. cabinets · Recessed rack mount option for 23-in. cabinets · Recessed rack mount option for ETSI cabinets · Wall mount option
Ethernet ports	4 100/1000 RJ-45 Gigabit Ethernet ports 4 x 1 SFP Gigabit Ethernet ports 4 x 1 Gigabit Ethernet Combo ports 2 x 10 Gigabit Ethernet ports (10 GE models only)
Console port	1 (up to 115.2 Kbps)
USB port	1 supported on the following chassis models:
External timing ports	BITS input, 10-MHz input/output, 1 PPS input/output, ToD interface, and SyncE
Fans	10 GE models: three fans, with redundancy
Air flow	Left to right airflow
Cabling	Front-panel access cabling and LED indicators
Power supplies	2 power supplies (DC only); module redundancy: 1:1
Mean Time Between Failure (MTBF)	491,160 hours
Power Specifications	
Power consumption	10 GE models: dual DC Maximum DC-input power and power dissipation at 48V supply: · A901-6CZ-F-D: 58W · A901-6CZ-FS-D: 59W · A901-6CZ-FT-D: 67W
Power rating	10 GE models: · DC-input voltage rating: 24 VDC, -48 VDC, -60 VDC DC-input current rating: 4A maximum
Power connector	6-position 2-tier stacked connector comprising two feeds, A and B DC power (AMPHENOL ELVA06100), and 3-position mating connectors for each feed (AMPHENOL ELVP03100)
Environmental Specifications	
Operating temperature	-40 to 149°F (-40 to 65°C)
Nonoperating temperature	-40 to 158°F (-40 to 70°C)
Relative humidity	10% to 85%, noncondensing, ±5 %
Operational altitude	13,000 ft (4000m) maximum 104°F (40°C) ambient
Acoustic noise	10 GE models: 61 dBA with 19 cfm fan
Air flow	10 GE models: 57 cfm

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