A901-12C-FT-D Datasheet

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Overview

A901-12C-FT-D is Cisco ASR 901 Series Aggregation Services Router Chassis, with Ethernet and TDM interfaces, and DC power. 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

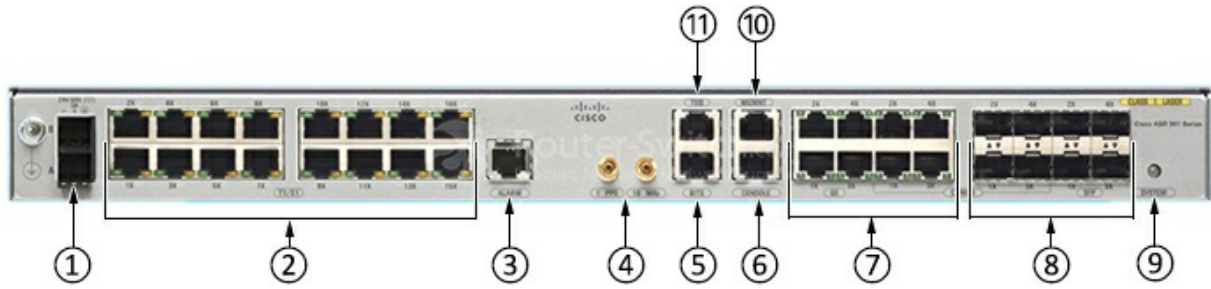**Figure 1 shows the appearance of A901-12C-FT-D.**

Table 1 shows the quick spec.

Model	A901-12C-FT-D
Dimensions (H x W x D)	1.7 x 17.5 x 8.3 in. (43.2 x 444.5 x 211 mm), 1 RU
Weight	8.15 lb (3.7 kg)
Memory	Flash memory: 128 MB (onboard flash) System memory: 1 GB (DDR3)
Rack mounts	1 GE models: · 19-in. rack mount option · 23-in. rack mount option · Recessed rack mount option for 19-in. cabinets
Ethernet ports	4 100/1000 RJ-45 Gigabit Ethernet ports 4 x 1 SFP Gigabit Ethernet ports 4 x 1 Gigabit Ethernet Combo ports
TDM ports	16 T1/E1
Console port	1 (up to 115.2 Kbps)

Product Details

Figure 2 shows the front panel of A901-12C-FT-D.

Notes:

(1)	Power Connector	(7)	8 GE Ports
(2)	16 T1/E1 Ports	(8)	8 SFP Ports
(3)	Alarm	(9)	Power LED
(4)	MINI-Coax Connector (10MHZ) and MINI-Coax Connector (1PPS)	(10)	Management Port
(5)	BITS Port	(11)	ToD Port
(6)	Console Port		

Figure 3 shows the back view of A901-12C-FT-D.

Compare to Similar Item

Table 2 shows the comparison between A901-12C-F-D and A901-12C-FT-D.

Model	A901-12C-F-D	A901-12C-FT-D
Description	Cisco ASR 901 Series Aggregation Services Router Chassis, Ethernet-only interfaces, DC power	Cisco ASR 901 Series Aggregation Services Router Chassis, Ethernet and TDM interfaces, DC power
Dimensions (H x W x D)	1.7 x 17.5 x 8.3 in. (43.2 x 444.5 x 211 mm), 1 RU	1.7 x 17.5 x 8.3 in. (43.2 x 444.5 x 211 mm), 1 RU
Weight	7.93 lb (3.6 kg)	8.15 lb (3.7 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

Do you have any question about the Cisco A901-12C-FT-D?

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Specification

A901-12C-FT-D Specifications	
Description	Cisco ASR 901 Series Aggregation Services Router Chassis, Ethernet and TDM interfaces, DC power
System Specifications	
Dimensions (H x W x D)	1.7 x 17.5 x 8.3 in. (43.2 x 444.5 x 211 mm), 1 RU
Weight	8.15 lb (3.7 kg)
Memory	Flash memory: 128 MB (onboard flash) System memory: 1 GB (DDR3)
Rack mounts	1 GE models: · 19-in. rack mount option · 23-in. rack mount option · Recessed rack mount option for 19-in. cabinets
Ethernet ports	4 100/1000 RJ-45 Gigabit Ethernet ports 4 x 1 SFP Gigabit Ethernet ports 4 x 1 Gigabit Ethernet Combo ports
TDM ports	16 T1/E1
Console port	1 (up to 115.2 Kbps)
External timing ports	BITS input, 10-MHz input/output, 1 PPS input/output, ToD interface, and SyncE
Fans	Dual fan, 1+1 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)	378,310 hours
Power Specifications	
Power consumption	1 GE models: dual DC DC-input power and power dissipation: 50W
Power rating	1 GE models: · DC-input voltage rating: 24 VDC, -48 VDC, -60 VDC · DC-input current rating: 2.5A maximum for non-TDM variants and 3.0A maximum for TDM variants
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 temperature1	-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 noise2	66 dBA with 23 cfm fan
Air flow	46 cfm

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