WS-C4503-E Datasheet

Overview

Cisco Catalyst 4503-E chassis offers 3 slots with Fan, one for supervisor engine slot, two for line-card slot with supporting up to 100 ports and up to 1500W POE power per slot. The solution provides centralized network architecture for enterprises-level, small and medium-size business through simplified operations. The highly intelligence performance offers non-blocking layer 2 - 4 switching with Secure, flexible communications. Any two Cisco Catalyst 4500E series Switches with Supervisor Engine 7L-E/7-E/8-E can be pooled together into a VSS, which doubles the system bandwidth, improves resiliency of the system and delivers the highest centralized reliable performance.

Quick Specs

Table 1 shows the Quick Specs.

Product Code	WS-C4503-E
Supervisor engine slot	Slot 1
Line-card slots	2
Redundant power supplies	2
Backplane	48 Gbps full duplex per slot (96 Gbps)
Dimensions (H x W x D)	31.12 x 43.97 x 31.70 cm
Rack Units (RU)	7 RU
Weight	35 Kg
Airflow	Chassis fan tray: Right to left Power supply fan: Front to back

Product Details

Figure 1 shows the front view of WS-C4503-E with installed modules, supervisor engines and cards. These modules, supervisor engines and cards should be ordered separately.

Note:

(1) Redundant power supplies   (2) Supervisor engine (slot 1)   (3) Switching module (slots 2 and 3)   (4) Fan tray assembly

Table 2 shows the Cisco Catalyst 4503-E Switch Features

Feature	Description
Chassis	Three horizontal slots. Slots are numbered from 1 (top) to 3 (bottom).
Supervisor engines	Supports the following supervisor engines: - Supervisor Engine 8-E - Supervisor Engine 7L-E - Supervisor Engine 7-E
Modules	Supports up to two Catalyst 4500 series modules.
Backplane	48 Gbps full duplex per slot (96 Gbps)
Fan tray	The chassis supports one hot-swappable fan tray.
Power supply	Supports one or two power supplies. All Catalyst 4500 series AC-input power supplies require single-phase source AC.

The Accessories

Table 3 shows the recommended elements for the WS-C4503-E.

Category	Model	Description
AP License	L-LIC-CTIOS-1A	1 AP Adder License for the IOS based Wireless Controller (e-delivery)
Primary Supervisor	WS-X45-SUP8-E	Catalyst 4500 E-Series Supervisor 8-E
	WS-X45-SUP7-E	Catalyst 4500 E-Series Supervisor, 848Gbps
	WS-X45-SUP7L-E	Catalyst 4500 E-Series Supervisor LE, 520Gbps
	WS-X4748-RJ45-E	Cisco 4500 Line Card WS-X4748-RJ45-E Catalyst 4500 E-Series 48-Port 10/100/1000 Non-Blocking

10/100/1000/MGig Line Cards	WS-X4748-UPOE+E	Cisco 4500 Line Card WS-X4748-UPOE+E Catalyst 4500E 48-Port UPOE 10/100/1000(RJ45)
	WS-X4748-RJ45V+E	Cisco 4500 Line Card WS-X4748-RJ45V+E Catalyst 4500E 48-Port PoE 802.3at 10/100/1000(RJ45)
1 G Fiber Line Cards	WS-X4724-SFP-E	Catalyst 4500 E-Series 24-Port GE (SFP)
	WS-X4748-SFP-E	Catalyst 4500 E-Series 48-Port GE (SFP)
	WS-X4712-SFP-E	Catalyst 4500 E-Series 12-Port GE (SFP)
10 G Fiber Line Cards	WS-X4606-X2-E	Catalyst 4500 E-Series 6-Port 10GbE (X2)
	WS-X4712-SFP+E	Catalyst 4500 E-Series 12-Port 10GbE (SFP+)
Power Supply	PWR-C45-1400AC	Catalyst 4500 1400W AC Power Supply (Data Only)
	PWR-C45-1400DC	C4500 1400W DC Triple Input SP Power Supply-data only
Supervisor Software License	L-C4500E-IP-ES=	Cisco Catalyst 4500E IP Base to Enterprise Services IOS upgrade license

Compare to Similar Items

Table 4 shows the comparison of WS-C4503-E and WS-C4506-E.

Model	WS-C4503-E	WS-C4506-E
Supervisor engine slot	1	1
Line-card slots	**2**	**5**
Redundant power supplies	2	2
Supervisor engines	- Supervisor Engine 8-E - Supervisor Engine 7L-E - Supervisor Engine 7-E	- Supervisor Engine 8-E - Supervisor Engine 7L-E - Supervisor Engine 7-E
Backplane	48 Gbps full duplex per slot (96 Gbps)	48 Gbps full duplex per slot (240 Gbps)

Get more information

Do you have any question about the WS-C4503-E?

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Specification

WS-C4503-E Specification	
Total number of slots	3
Line-card slots	2
Supervisor engine slots	1
Dedicated supervisor engine slot numbers	1
Supervisor engine redundancy	No
Supervisor engines supported	Supervisor Engines 8-E, 8L-E, 7-E, 7L-E, 6-E, and 6L-E
Maximum PoE per slot	1500W
Bandwidth scalability per line-card slot	Up to 48 Gbps on all slots

Number of power supply bays	2
AC input power	Yes
DC input power	Yes
Integrated PoE	Yes
Minimum number of power supplies	1
Power supplies supported	1000W AC 1400W AC 1300W ACV 2800W ACV 4200W ACV 6000W ACV 9000W ACV 1400W DC (triple input) 1400W-DC-P
Number of fan-tray bays	1
Location of 19-inch rack-mount	Front
Location of 23-inch rack-mount	Front (option)
Physical Specifications	
Dimensions (H x W x D)	12.25 x 17.31 x 12.50 in. (31.12 x 43.97 x 31.70 cm)
Rack units (RU)	7RU
Chassis weight (with fan tray)	32.25 lb (14.63 kg)
Mounting	19- and 23-in. rack compatible (19-in. rack and cable guide hardware included)

Download Resource

Selection Decision

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Support and Resources

📕 **Cisco Switch Catalyst 4500 Series Datasheet**

Transition Guide

📕 **Guide to Upgrade Cisco Access and Backbone Switch**

📕 **Selecting Cisco Switches-Campus, Branch, Digital Building**

📕 **Cisco Catalyst 4500/6500/6800 Series Transition Guide**

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