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## Overview

The Cisco Firepower 2100 Series is a family of four threat-focused NGFW security platforms that deliver business resiliency through superior threat defense. It offers exceptional sustained performance when advanced threat functions are enabled. These platforms uniquely incorporate an innovative dual multicore CPU architecture that optimizes firewall, cryptographic, and threat inspection functions simultaneously. The series' firewall throughput range addresses use cases from the Internet edge to the data center. Network Equipment Building Standards (NEBS)-compliance is supported by the Cisco Firepower 2100 Series platform. The FPR2110-ASA-K9 stands for Cisco Firepower 2110 ASA Appliance, 1RU.

## Quick Spec

Figure 1 shows the appearance of FPR2110-ASA-K9.

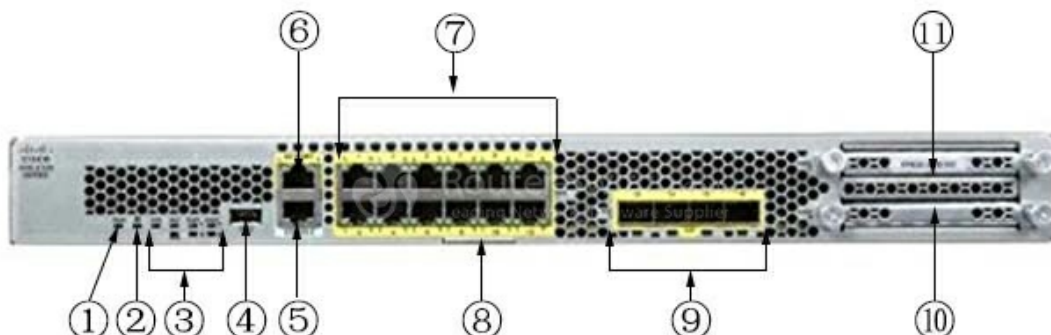


Table 1 shows the quick spec.

<b>Product Number</b>	FPR2110-ASA-K9
<b>Product Description</b>	Cisco Firepower 2110 ASA Appliance, 1RU
<b>ASA Performance and Capabilities on Firepower Appliances</b>	
<b>Stateful inspection firewall throughput</b>	3 Gbps
<b>Stateful inspection firewall throughput (multiprotocol)</b>	1.5 Gbps
<b>Concurrent firewall connections</b>	1 million
<b>New connections per second</b>	18000
<b>Hardware Specifications</b>	
<b>Dimensions (H x W x D)</b>	1.73 x 16.90 x 19.76 in. (4.4 x 42.9 x 50.2 cm)
<b>Form factor (rack units)</b>	1RU
<b>I/O module slots</b>	0
<b>Integrated I/O</b>	12 x 10M/100M/1GBASE-T Ethernet interfaces (RJ-45), 4 x 1 Gigabit (SFP) Ethernet interfaces
<b>Network modules</b>	None
<b>Maximum number of interfaces</b>	Up to 16 total Ethernet ports (12x1G RJ-45, 4x1G SFP)

**Product Details**

Figure 2 shows the front panel of FPR2110-ASA-K9.



Note:

(1)	Power LED
(2)	Locator beacon
(3)	System LEDs
(4)	Type A USB 2.0 port
(5)	RJ-45 console port
(6)	Gigabit Ethernet management port:   Firepower Threat Defense—Management 0 (also referred to as Management 1/1 and Diagnostic 1/1)   ASA—Management 1/1
(7)	12 RJ-45 1G/100M/10M auto duplex/auto MDI-X Base-T ports Ethernet 1/1 through 1/12 labeled top to bottom, left to right
(8)	Pullout label card with chassis serial number
(9)	4 fixed SFP (1G) ports Fiber ports 1/13 through 1/16 labeled left to right
(10)	SSD (slot 1)
(11)	SSD (slot 2)

Figure 3 shows the rear panel of FPR2110-ASA-K9.



Note:

(1)	Power on/off switch
(2)	Fixed power supply module
(3)	Fixed fans
(4)	2-post grounding lug

## Compare to Similar Items

Table 2 shows the comparison between FPR2110-ASA-K9 and FPR2120-ASA-K9.

Product Number	FPR2110-ASA-K9	<a href="#">FPR2120-ASA-K9</a>
Product Description	Cisco Firepower 2110 ASA Appliance, 1RU	Cisco Firepower 2120 ASA Appliance, 1RU
<b>ASA Performance and Capabilities on Firepower Appliances</b>		
Stateful inspection firewall throughput	3 Gbps	6 Gbps
Stateful inspection firewall throughput (multiprotocol)	1.5 Gbps	3 Gbps
Concurrent firewall connections	1 million	1.5 million
New connections per second	18000	28000
<b>Hardware Specifications</b>		
Dimensions (H x W x D)	1.73 x 16.90 x 19.76 in. (4.4 x 42.9 x 50.2 cm)	1.73 x 16.90 x 19.76 in. (4.4 x 42.9 x 50.2 cm)
Form factor (rack units)	1RU	1RU

## Get more information

Do you have any question about the FPR2110-ASA-K9?

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## Specification

<b>FPR2110-ASA-K9 Specification</b>	
Product Number	FPR2110-ASA-K9
Product Description	Cisco Firepower 2110 ASA Appliance, 1RU
<b>ASA Performance and Capabilities on Firepower Appliances</b>	
Stateful inspection firewall throughput	3 Gbps
Stateful inspection firewall throughput (multiprotocol)	1.5 Gbps
Concurrent firewall connections	1 million
New connections per second	18000
IPsec VPN throughput (450B UDP L2L test)	500 Mbps
IPsec/Cisco AnyConnect/Apex site-to-site VPN peers	1500
Maximum number of VLANs	400
Security contexts (included; maximum)	2; 25

<b>High availability</b>	Active/active and active/standby	
<b>Scalability</b>	VPN Load Balancing	
<b>Centralized management</b>	Centralized configuration, logging, monitoring, and reporting are performed by Cisco Security Manager or alternatively in the cloud with Cisco Defense Orchestrator	
<b>Adaptive Security Device Manager</b>	Web-based, local management for small-scale deployments	
<b>Hardware Specifications</b>		
<b>Dimensions (H x W x D)</b>	1.73 x 16.90 x 19.76 in. (4.4 x 42.9 x 50.2 cm)	
<b>Form factor (rack units)</b>	1RU	
<b>I/O module slots</b>	0	
<b>Integrated I/O</b>	12 x 10M/100M/1GBASE-T Ethernet interfaces (RJ-45), 4 x 1 Gigabit (SFP) Ethernet interfaces	
<b>Network modules</b>	None	
<b>Maximum number of interfaces</b>	Up to 16 total Ethernet ports (12x1G RJ-45, 4x1G SFP)	
<b>Integrated network management ports</b>	1 x 10M/100M/1GBASE-T Ethernet port (RJ-45)	
<b>Serial port</b>	1 x RJ-45 console	
<b>USB</b>	1 x USB 2.0 Type-A (500mA)	
<b>Storage</b>	1x 100 GB, 1x spare slot (for MSP)	
<b>Power supplies</b>	Configuration	Single integrated 250W AC power supply.
	AC input voltage	100 to 240V AC
	AC maximum input current	< 2.7A at 100V
	AC maximum output power	250W
	AC frequency	50 to 60 Hz
	AC efficiency	>88% at 50% load
	Redundancy	None
<b>Fans</b>	4 integrated (2 internal, 2 exhaust) fans	
<b>Noise</b>	56 dBA @ 25C 74 dBA at highest system performance.	
<b>Rack mountable</b>	Yes. Fixed mount brackets included (2-post). Mount rails optional (4-post EIA-310-D rack)	
<b>Weight</b>	16.1 lb (7.3 kg): with 2x SSDs	
<b>Temperature: operating</b>	32 to 104°F (0 to 40°C)	
<b>Temperature: nonoperating</b>	-4 to 149°F (-20 to 65°C)	
<b>Humidity: operating</b>	10 to 85% noncondensing	
<b>Humidity: nonoperating</b>	5 to 95% noncondensing	
<b>Altitude: operating</b>	10,000 ft (max)	
<b>Altitude: nonoperating</b>	40,000 ft (max)	

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### Support and Resources

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### Transition Guide

 [Cisco ASA 5500-X Series Migration Options](#)

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