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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.
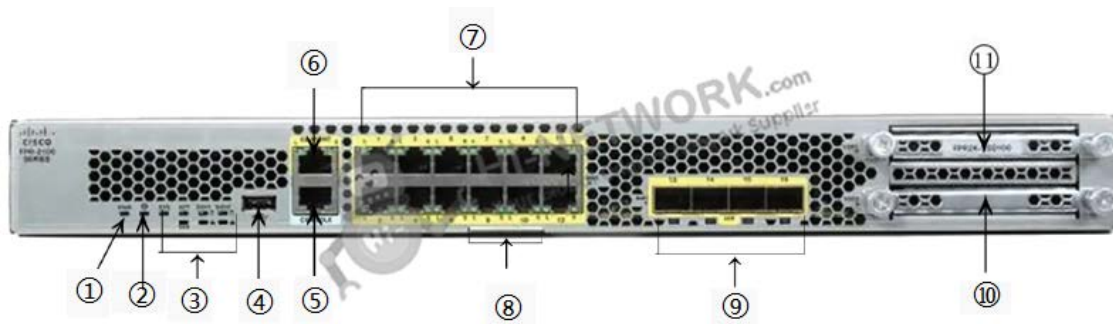
Quick Specification

Table 1 shows the quick spec.

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

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

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: l Firepower Threat Defense—Management 0 (also referred to as Management 1/1 and Diagnostic 1/1) l 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	FPR2120-ASA-K9
Product Description	Cisco Firepower 2110 ASA Appliance, 1RU	Cisco Firepower 2120 ASA Appliance, 1RU
ASA Performance and Capabilities on Firepower Appliances		
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
Hardware Specifications		
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

<table>
<tr><td colspan="3" align="center">FPR2110-ASA-K9 Specification</td></tr>
<tr><td>Product Number</td><td colspan="2">FPR2110-ASA-K9</td></tr>
<tr><td>Product Description</td><td colspan="2">Cisco Firepower 2110 ASA Appliance, 1RU</td></tr>
<tr><td colspan="3" align="center">ASA Performance and Capabilities on Firepower Appliances</td></tr>
<tr><td>Stateful inspection firewall throughput</td><td colspan="2">3 Gbps</td></tr>
<tr><td>Stateful inspection firewall throughput (multiprotocol)</td><td colspan="2">1.5 Gbps</td></tr>
<tr><td>Concurrent firewall connections</td><td colspan="2">1 million</td></tr>
<tr><td>New connections per second</td><td colspan="2">18000</td></tr>
<tr><td>IPsec VPN throughput (450B UDP L2L test)</td><td colspan="2">500 Mbps</td></tr>
<tr><td>IPsec/Cisco AnyConnect/Apex site-to-site VPN peers</td><td colspan="2">1500</td></tr>
<tr><td>Maximum number of VLANs</td><td colspan="2">400</td></tr>
<tr><td>Security contexts (included; maximum)</td><td colspan="2">2; 25</td></tr>
<tr><td>High availability</td><td colspan="2">Active/active and active/standby</td></tr>
<tr><td>Scalability</td><td colspan="2">VPN Load Balancing</td></tr>
<tr><td>Centralized management</td><td colspan="2">Centralized configuration, logging, monitoring, and reporting are performed by Cisco Security Manager or alternatively in the cloud with Cisco Defense Orchestrator</td></tr>
<tr><td>Adaptive Security Device Manager</td><td colspan="2">Web-based, local management for small-scale deployments</td></tr>
<tr><td colspan="3" align="center">Hardware Specifications</td></tr>
<tr><td>Dimensions (H x W x D)</td><td colspan="2">1.73 x 16.90 x 19.76 in. (4.4 x 42.9 x 50.2 cm)</td></tr>
<tr><td>Form factor (rack units)</td><td colspan="2">1RU</td></tr>
<tr><td>I/O module slots</td><td colspan="2">0</td></tr>
<tr><td>Integrated I/O</td><td colspan="2">12 x 10M/100M/1GBASE-T Ethernet interfaces (RJ-45), 4 x 1 Gigabit (SFP) Ethernet interfaces</td></tr>
<tr><td>Network modules</td><td colspan="2">None</td></tr>
<tr><td>Maximum number of interfaces</td><td colspan="2">Up to 16 total Ethernet ports (12x1G RJ-45, 4x1G SFP)</td></tr>
<tr><td>Integrated network management ports</td><td colspan="2">1 x 10M/100M/1GBASE-T Ethernet port (RJ-45)</td></tr>
<tr><td>Serial port</td><td colspan="2">1 x RJ-45 console</td></tr>
<tr><td>USB</td><td colspan="2">1 x USB 2.0 Type-A (500mA)</td></tr>
<tr><td>Storage</td><td colspan="2">1x 100 GB, 1x spare slot (for MSP)</td></tr>
<tr><td rowspan="4">Power supplies</td><td>Configuration</td><td>Single integrated 250W AC power supply.</td></tr>
<tr><td>AC input voltage</td><td>100 to 240V AC</td></tr>
<tr><td>AC maximum input current</td><td>< 2.7A at 100V</td></tr>
<tr><td>AC maximum output power</td><td>250W</td></tr>
</table>

	AC frequency	50 to 60 Hz
	AC efficiency	>88% at 50% load
	Redundancy	None
Fans	4 integrated (2 internal, 2 exhaust) fans	
Noise	56 dBA @ 25C 74 dBA at highest system performance.	
Rack mountable	Yes. Fixed mount brackets included (2-post). Mount rails optional (4-post EIA-310-D rack)	
Weight	16.1 lb (7.3 kg): with 2x SSDs	
Temperature: operating	32 to 104°F (0 to 40°C)	
Temperature: nonoperating	-4 to 149°F (-20 to 65°C)	
Humidity: operating	10 to 85% noncondensing	
Humidity: nonoperating	5 to 95% noncondensing	
Altitude: operating	10,000 ft (max)	
Altitude: nonoperating	40,000 ft (max)	

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