FPR2130-ASA-K9 Datasheet

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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 FPR2130-ASA-K9 stands for Cisco Firepower 2130 ASA Appliance, 1RU, 1 x Network Module Bays.

Quick Specification

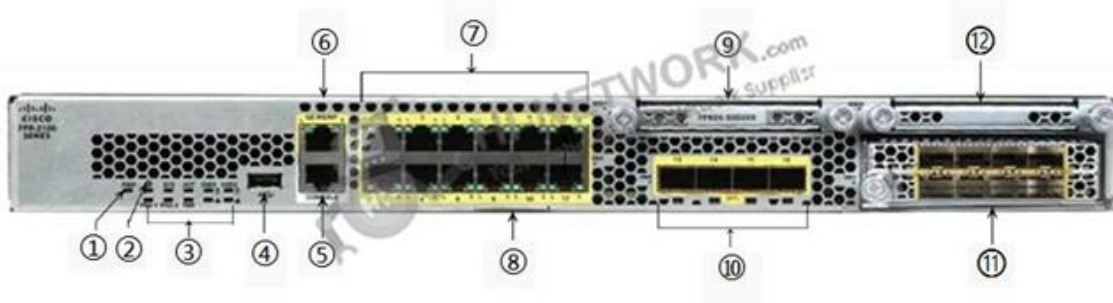**Table 1 shows the quick spec.**

Product Number	FPR2130-ASA-K9
Product Description	Cisco Firepower 2130 ASA Appliance, 1RU, 1 x Network Module Bays
ASA Performance and Capabilities on Firepower Appliances	
Stateful inspection firewall throughput	10 Gbps
Stateful inspection firewall throughput (multiprotocol)	5 Gbps
Concurrent firewall connections	2 million
New connections per second	40000
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	1 NM slot
Integrated I/O	12 x 10M/100M/1GBASE-T Ethernet interfaces (RJ-45), 4 x 10 Gigabit (SFP+) Ethernet interfaces
Network modules	(FPR-NM-8X10G) 8 x 10 Gigabit Ethernet Enhanced Small Form-Factor Pluggable (SFP+) network module
Maximum number of interfaces	Up to 24 total Ethernet ports (12x1G RJ-45, 4x10G SFP+, and network module with 8x10G SFP+)
Integrated network management ports	1 x 10M/100M/1GBASE-T Ethernet port (RJ-45)

**Figure 1 shows the appearance of FPR2130-ASA-K9.**

Product Details

Figure 2 shows the front panel of FPR2130-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)	SSD 1
(10)	4 fixed SFP+ (1G/10G) ports Fiber ports 1/13 through 1/16 labeled left to right
(11)	Network Module (network module slot 1)
(12)	SSD 2

Figure 3 shows the rear panel of FPR2130-ASA-
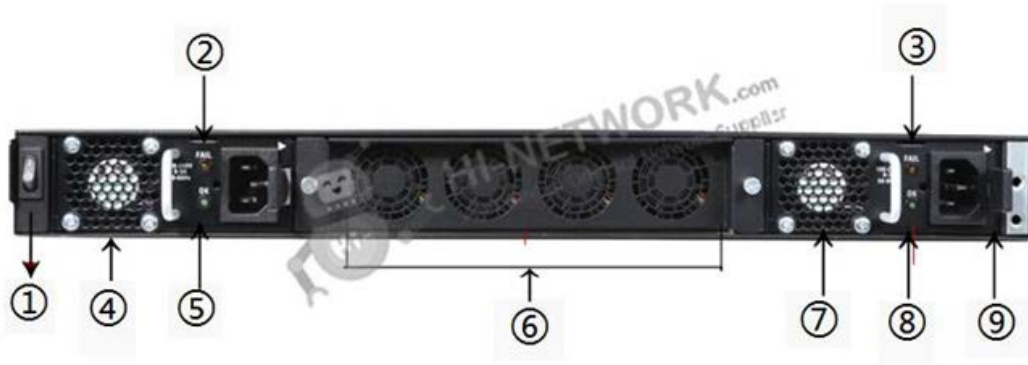
Note:

(1)	Power on/off switch
(2)	Power supply module 1 FAIL LED
(3)	Power supply module 2 FAIL LED
(4)	Power supply module 1
(5)	Power supply module 1 OK LED
(6)	Fan tray
(7)	Power supply module 2
(8)	Power supply module 2 OK LED
(9)	2-post grounding lug

Compare to Similar Items

Table 2 shows the comparison between FPR2130-ASA-K9 and FPR2120-ASA-K9.

Product Number	FPR2130-ASA-K9	FPR2120-ASA-K9
Product Description	Cisco Firepower 2130 ASA Appliance, 1RU, 1 x Network Module Bays	Cisco Firepower 2120 ASA Appliance, 1RU
ASA Performance and Capabilities on Firepower Appliances		
Stateful inspection firewall throughput	10 Gbps	6 Gbps
Stateful inspection firewall throughput (multiprotocol)	5 Gbps	3 Gbps
Concurrent firewall connections	2 million	1.5 million
New connections per second	40000	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

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Do you have any question about the FPR2130-ASA-K9?

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Specification

FPR2130-ASA-K9 Specification	
Product Number	FPR2130-ASA-K9
Product Description	Cisco Firepower 2130 ASA Appliance, 1RU, 1 x Network Module Bays
ASA Performance and Capabilities on Firepower Appliances	
Stateful inspection firewall throughput	10 Gbps
Stateful inspection firewall throughput (multiprotocol)	5 Gbps
Concurrent firewall connections	2 million
New connections per second	40000
IPsec VPN throughput (450B UDP L2L test)	1 Gbps
IPsec/Cisco AnyConnect/Apex site-to-site VPN peers	7500
Maximum number of VLANs	750
Security contexts (included; maximum)	2; 30
High availability	Active/active and active/standby
Scalability	VPN Load Balancing
Centralized management	Centralized configuration, logging, monitoring, and reporting are performed by Cisco Security Manager or alternatively in the cloud with Cisco Defense Orchestrator
Adaptive Security Device Manager	Web-based, local management for small-scale deployments
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	1 NM slot
Integrated I/O	12 x 10M/100M/1GBASE-T Ethernet interfaces (RJ-45), 4 x 10 Gigabit (SFP+) Ethernet interfaces
Network modules	(FPR-NM-8X10G) 8 x 10 Gigabit Ethernet Enhanced Small Form-Factor Pluggable (SFP+) network module
Maximum number of interfaces	Up to 24 total Ethernet ports (12x1G RJ-45, 4x10G SFP+, and network module with 8x10G SFP+)
Integrated network management ports	1 x 10M/100M/1GBASE-T Ethernet port (RJ-45)
Serial port	1 x RJ-45 console
USB	1 x USB 2.0 Type-A (500mA)

Storage	1x 200 GB, 1x spare slot (for MSP)	
Power supplies	Configuration	Single integrated 250W AC power supply.
	AC input voltage	100 to 240V AC
	AC maximum input current	< 6A at 100V
	AC maximum output power	400W
	AC frequency	50 to 60 Hz
	AC efficiency	>89% at 50% load
	DC input voltage	-48V to -60VDC
	DC maximum input current	< 12.5A at -48V
	DC maximum output power	350W
	DC efficiency	>88% at 50% load
	Redundancy	1+1 AC or DC with dual supplies
Fans	1 hot-swappable fan module (with 4 fans)	
Noise	56 dBA @ 25C 77 dBA at highest system performance.	
Rack mountable	Yes. Mount rails included (4-post EIA-310-D rack)	
Weight	19.4 lb (8.8 kg) 1 x power supplies, 1 x NM, 1 x fan module, 2x SSDs	
Temperature: operating	32 to 104°F (0 to 40°C) or NEBS operation (see below)	
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) or NEBS operation (see below)	
Altitude: nonoperating	40,000 ft (max)	
NEBS operation	Operating altitude: 0 to 13,000 ft (3962 m) Operating temperature: Long term: 0 to 45°C, up to 6,000 ft (1829 m) Long term: 0 to 35°C, 6,000 to 13,000 ft (1829 to 3964 m) Short term: -5 to 55°C, up to 6,000 ft (1829 m)	

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HongKong Office Tel: +00852-66181601

HangZhou Office Tel: +0086-571-86729517

Email: info@hi-network.com

Skype: echo.hinetwork

WhatsApp Business: +8618057156223

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