FPR2140-NGFW-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 FPR2140-NGFW-K9 stands for Cisco Firepower 2140 NGFW Appliance, 1RU, 1 x Network Module Bays.

Quick Spec

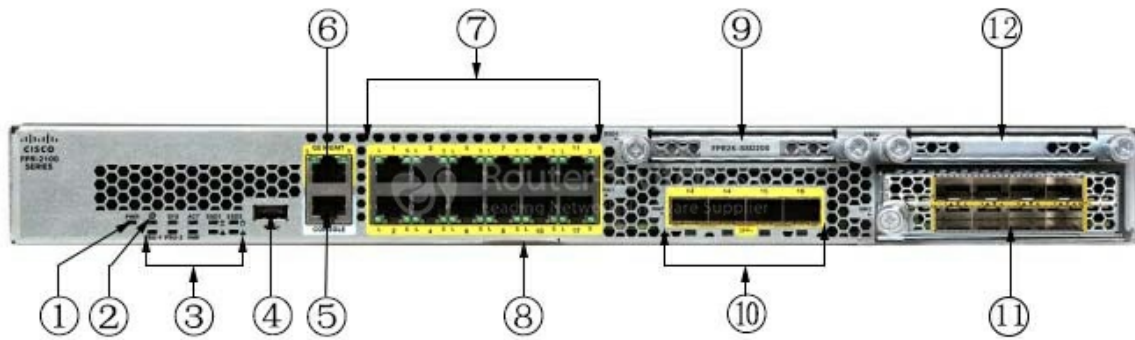**Figure 1 shows the appearance of FPR2140-NGFW-K9.**

Table 1 shows the quick spec.

| Product Number	FPR2140-NGFW-K9
Product Description	Cisco Firepower 2140 NGFW Appliance, 1RU, 1 x Network Module Bays
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)

Product Details

Figure 2 shows the front panel of FPR2140-NGFW-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 FPR2140-ASA-K9.
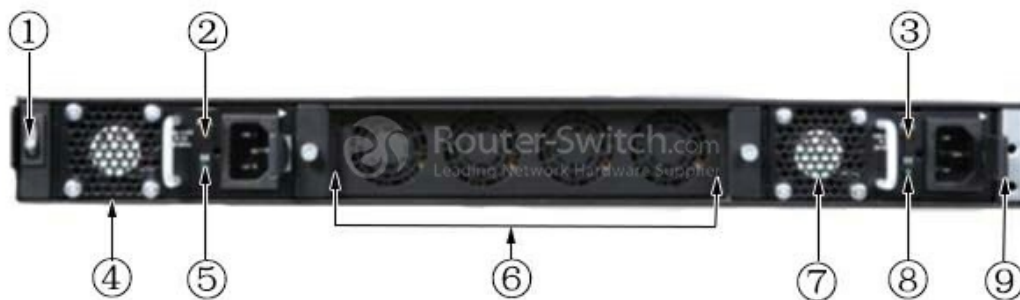
Note:

(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 FPR2140-NGFW-K9 and FPR2120-NGFW-K9.

Product Number	FPR2140-NGFW-K9	FPR2120-NGFW-K9
Product Description	Cisco Firepower 2140 NGFW Appliance, 1RU,1 x Network Module Bays	Cisco Firepower 2120 NGFW Appliance, 1RU
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
I/O module slots	1 NM slot	0
Integrated I/O	12 x 10M/100M/1GBASE-T Ethernet interfaces (RJ-45), 4 x 10 Gigabit (SFP+) Ethernet interfaces	12 x 10M/100M/1GBASE-T Ethernet interfaces (RJ-45), 4 x 1 Gigabit (SFP) Ethernet interfaces
Network modules	(FPR-NM-8X10G) 8 x 10 Gigabit Ethernet Enhanced Small Form-Factor Pluggable (SFP+) network module	None
Maximum number of interfaces	Up to 24 total Ethernet ports (12x1G RJ-45, 4x10G SFP+, and network module with 8x10G SFP+)	Up to 16 total Ethernet ports (12x1G RJ-45, 4x1G SFP)
Storage	1x 200 GB, 1x spare slot (for MSP)	1x 100 GB, 1x spare slot (for MSP)

Get more information

Do you have any question about the FPR2140-NGFW-K9?

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Specification

FPR2140-NGFW-K9 Specification	
Product Number	FPR2140-NGFW-K9
Product Description	Cisco Firepower 2140 NGFW Appliance, 1RU, 1 x Network Module Bays
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	Dual 400W AC. Single/dual 350W DC optional
	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	21 lb (9.53 kg) 2 x power supplies, 1 x NM, 1 x fan module, 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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