#### FPR2140-NGFW-K9 Datasheet





## 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.

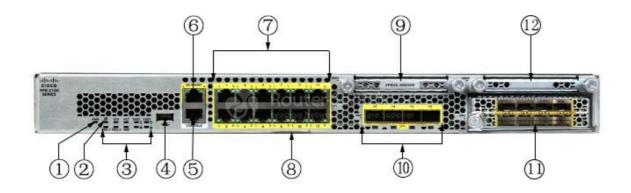


#### Table 1 shows the quick spec.

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: I Firepower Threat Defense—Management 0 (also referred to as Management 1/1 and Diagnostic 1/1) I 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?

Contact us now via Live Chat or sales@router-switch.com.

## 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			

Network modules         (FPR-NAM 8X TOG) 8 × 10 Gigabit Ellimorm-Entource Place (PR-I)           Maximum number of Interfaces         Up 2.2 food Enterpart ports (12x LS x3-x4 TOG SFP+, and network module with 8x TOG SFP+)           Serial port         1 x RJ-45 console           USB         1 x RJ-45 console           Storage         1 x RJ-45 console           Power supplies           Power supplies         Configuration         Dual 400W AC. Single-doul 350W DC optional           AC input votage         AC input votage         100 to 2 40V AC           AC maximum input current         < 6A at 100V	Integrated I/O	12 x 10M/100M/1GBASE-T Ethernet interfaces (RJ-45), 4 x 10 Gigabit (SFP+) Ethernet interfaces		
Integrated network management ports         1x 10M/100M/1GBASE-T Ethemet port (RJ-45)           Serial port         1x RJ-45 console           USB         1x 200 GB, 1x sparse 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	Network modules			
Serial port         1 x RJ 45 console           USB         1 x USB 2.0 Type-A (500mA)           Storage         1 x 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 output power           AC maximum output power         400W           AC efficiency         50 to 60 Hz           AC efficiency         50% so 450 load           DC maximum output power         48V to -60VDC           DC maximum output power         350W           DC efficiency         >88% at 50% load           Read         1 tot-swappable fan module (with 4 fams)           Plans         1 tot-swappable fan module (with 4 fams)           Noise         56 dBA@ 25C           77 dBA at highest system performance.           Reak mountable         Yes. Mount rails included (4-post EIA-310-D rack)           Weight         21 to (9.53 kg) 2 x power supplies, 1 x NM, 1 x fan module, 2x SDs           Temperature: nonoperating         4-to (4.97 F (10 to 65°C) <th>Maximum number of interfaces</th> <th colspan="2"></th>	Maximum number of interfaces			
USB         1 x USB 2.0 Type-A (500mA)           Storage         1 x 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 output power         400W           AC maximum output power         400W           AC efficiency         50 to 60 Hz           AC efficiency         289% at 50% load           DC maximum output power         489 Vo -80VDC           DC maximum output power         350W           DC maximum output power         350W           Pans         1 hot-exceptable fan module (with 4 fars)           Noise         56 dBA @ 25C 77 dBA at highest system performance           Rack mountable         Yes. Mount rails included (4 post EIA 310-D rack)           Weight         21 to (9.53 kg) 2 x power supplies, 1 x NM. 1 x fan module, 2x SSDs           Temperature: nonoperating         4 to 149°F (20 to 65°C)           Humidity: operating         5 to 98% noncondensing           Humidity: nonoperating         5 to 98% noncondensing           Altitude: operating         1 so 98% noncondensing	Integrated network management ports	1 x 10M/100M/1GBASE-T Ethernet por	rt (RJ-45)	
Power supplies         1x 200 GB, 1x spare slot (for MSP)           Power supplies         Configuration         Dual 400W AC. Single(dual 380W DC optional and population and pop	Serial port	1 x RJ-45 console		
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   >88% at 50% load     DC input voltage   -48V to -60VDC     DC maximum output power   350W     DC efficiency   >88% at 50% load     DC maximum output power   350W     DC efficiency   >88% at 50% load     DC maximum output power   350W     DC efficiency   >88% at 50% load     DC maximum output power   350W     DC efficiency   >88% at 50% load     DC maximum output power   350W     DC efficiency   >88% at 50% load     DC maximum output power   350W     DC efficiency   >88% at 50% load     DC maximum output power   350W     DC efficiency   >88% at 50% load     DC maximum output power   350W     DC efficiency   >88% at 50% load     DC maximum output power   350W     DC efficiency   >88% at 50% load     DC maximum output power   350W     DC efficiency   >88% at 50% load     DC maximum output power   350W     DC efficiency   >88% at 50% load     DC maximum output power   350W     DC efficiency   >88% at 50% load     DC maximum output power   350W     DC efficiency   >88% at 50% load     DC maximum output power   350W     DC efficiency   >88% at 50% load     DC maximum output power   350W     DC maximum output power   350W     DC efficiency   >88% at 50% load     DC maximum output power   350W     DC efficiency   350W   350W	USB	1 x USB 2.0 Type-A (500mA)		
AC input voltage	Storage	1x 200 GB, 1x spare slot (for MSP)		
AC maximum input current	Power supplies	Configuration	_	
AC maximum output power   400W		AC input voltage	100 to 240V AC	
AC frequency   50 to 60 Hz		AC maximum input current	< 6A at 100V	
AC efficiency		AC maximum output power	400W	
DC input voltage		AC frequency	50 to 60 Hz	
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 5 to 95% noncondensing  Humidity: nonoperating 10,000 ft (max)		AC efficiency	>89% at 50% load	
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 5 to 95% noncondensing  Humidity: nonoperating 10,000 ft (max)		DC input voltage	-48V to -60VDC	
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)		DC maximum input current	< 12.5A at -48V	
Redundancy  1+1 AC or DC with dual supplies  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)		DC maximum output power	350W	
Fans  1 hot-swappable fan module (with 4 fans)  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)		DC efficiency	>88% at 50% load	
Noise  56 dBA @ 25C 77 dBA at highest system performance.  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)		Redundancy	1+1 AC or DC with dual supplies	
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)	Fans	1 hot-swappable fan module (with 4 fans)		
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)	Noise			
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)	Rack mountable	Yes. Mount rails included (4-post EIA-310-D rack)		
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)	Weight	21 lb (9.53 kg) 2 x power supplies, 1 x NM, 1 x fan module, 2x SSDs		
Humidity: operating  10 to 85% noncondensing  Humidity: nonoperating  5 to 95% noncondensing  10,000 ft (max)	Temperature: operating	32 to 104°F (0 to 40°C)		
Humidity: nonoperating 5 to 95% noncondensing  Altitude: operating 10,000 ft (max)	Temperature: nonoperating	-4 to 149°F (-20 to 65°C)		
Altitude: operating 10,000 ft (max)	Humidity: operating	10 to 85% noncondensing		
	Humidity: nonoperating	5 to 95% noncondensing		
Altitude: nonoperating 40,000 ft (max)	Altitude: operating	10,000 ft (max)		
	Altitude: nonoperating	40,000 ft (max)		

# Want to Buy

Order Now

Get a Quote

As a leading network hardware supplier, Router-switch.com focuses on original new ICT equipment of Cisco, Huawei, HPE, Dell, Hikvision, Juniper, Fortinet, etc.











## Contact Us

• Tel: +1-626-655-0998 (USA) +852-3050-1066 / +852-3174-6166

Fax: +852-3050-1066 (Hong Kong)Email: sales@router-switch.com