FPR4140-NGFW-K9 Datasheet

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Overview

The Cisco Firepower 4100 Series is a family of four threat-focused NGFW security platforms. Their throughput range addresses data center and internet edge use cases. They deliver superior threat defense, at faster speeds, with a smaller footprint. Cisco Firepower 4100 Series supports flow-offloading, programmatic orchestration, and the management of security services with RESTful APIs. FPR4140-NGFW-K9 stands for Cisco Firepower 4140 NGFW Appliance. 1U. 2 x NetMod Bays.

Quick Spec

Figure 1 shows the appearance of FPR4140-NGFW-K9.

Table 1 shows the quick spec.

Product Number	FPR4140-NGFW-K9
Product Description	Cisco Firepower 4140 NGFW Appliance. 1U. 2 x NetMod Bays
Performance and Capabilities on Firepower Appliances	
Stateful inspection firewall throughput	70 Gbps
Stateful inspection firewall throughput (multiprotocol)	40 Gbps
Concurrent firewall connections	25 million
Firewall latency (UDP 64B microseconds)	3.5
New connections per second	350,000
IPsec VPN throughput (450B UDP L2L test)	14 Gbps
IPsec/Cisco AnyConnect/Apex site-to-site VPN peers	20,000
Maximum number of VLANs	1024
Hardware Specifications	
Dimensions (H x W x D)	1.75 x 16.89 x 29.7 in. (4.4 x 42.9 x 75.4 cm)
Form factor (rack units)	1RU
Security module slots	-

I/O module slots	2

Compare to Similar Items

Table 2 shows the comparison between FPR4140-NGFW-K9 and FPR4110-NGFW-K9.

Product Number	FPR4140-NGFW-K9	FPR4110-NGFW-K9
Product Description	Cisco Firepower 4140 NGFW Appliance. 1U. 2 x NetMod Bays	Cisco Firepower 4110 NGFW Appliance. 1U. 2 x NetMod Bays
Performance and Capabilities on Firepower Appliances		
Stateful inspection firewall throughput	70 Gbps	35 Gbps
Stateful inspection firewall throughput (multiprotocol)	40 Gbps	15 Gbps
Concurrent firewall connections	25 million	10 million

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Do you have any question about the FPR4140-NGFW-K9?

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Specification

FPR4140-NGFW-K9 Specification	
Product Number	FPR4140-NGFW-K9
Product Description	Cisco Firepower 4140 NGFW Appliance. 1U. 2 x NetMod Bays
Cisco Firepower 4140 Specification	
Performance and Capabilities on Firepower Appliances	
Stateful inspection firewall throughput	70 Gbps
Stateful inspection firewall throughput (multiprotocol)	40 Gbps
Concurrent firewall connections	25 million
Firewall latency (UDP 64B microseconds)	3.5
New connections per second	350,000
IPsec VPN throughput (450B UDP L2L test)	14 Gbps
IPsec/Cisco AnyConnect/Apex site-to-site VPN peers	20,000
Maximum number of VLANs	1024
Security contexts (included; maximum)	10; 250
High availability	Active/active and active/standby
Clustering	Up to 16 appliances
Scalability	VPN Load Balancing, Firewall Clustering
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)		1.75 x 16.89 x 29.7 in. (4.4 x 42.9 x 75.4 cm)
Form factor (rack units)		1RU
Security module slots		-
I/O module slots		2
Supervisor		Cisco Firepower 4000 Supervisor with 8 x 10 Gigabit Ethernet ports and 2 Network Module (NM) slots for I/O expansion
Network modules		● 8 x 10 Gigabit Ethernet Enhanced Small Form-Factor Pluggable (SFP+) network modules ● 4 x 40 Gigabit Ethernet Quad SFP+ network modules ● 8-port 1Gbps copper, FTW (fail to wire) Network Module Note: Firepower 4100 Series appliances may also be deployed as dedicated threat sensors, with fail-to-wire network modules. Please contact your Cisco representative for details.
Maximum number of interfaces		Up to 24 x 10 Gigabit Ethernet (SFP+) interfaces; up to 8 x 40 Gigabit Ethernet (QSFP+) interfaces with 2 network modules
Integrated network management ports		1 x Gigabit Ethernet copper port
Serial port		1 x RJ-45 console
USB		1 x USB 2.0
Storage		400 GB
Power supplies	**Configuration**	Dual 1100W AC
	AC input voltage	100 to 240V AC
	AC maximum input current	13A
	AC maximum output power	1100W
	AC frequency	50 to 60 Hz
	AC efficiency	>92% at 50% load
	DC input voltage	-40V to -60VDC
	DC maximum input current	27A
	DC maximum output power	950W
	DC efficiency	>92.5% at 50% load
	Redundancy	1+1
Fans		6 hot-swappable fans
Noise		78 dBA
Rack mountable		Yes, mount rails included (4-post EIA-310-D rack)
Weight		36 lb (16 kg): 2 x power supplies, 2 x NMs, 6x fans; 30 lb (13.6 kg): no power supplies, no NMs, no fans
Temperature: operating		32 to 95°F (0 to 35°C), at sea level
Temperature: nonoperating		-40 to 149°F (-40 to 65°C)
Humidity: operating		5 to 95% noncondensing

Humidity: nonoperating	5 to 95% noncondensing
Altitude: operating	10,000 ft (max)
Altitude: nonoperating	40,000 ft (max)

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● Tel: +1-626-239-8066 (USA) +852-3050-1066 / +852-3174-6166
● Fax: +852-3050-1066 (Hong Kong)
● Email: sales@router-switch.com