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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. FPR4120-NGFW-K9 stands for Cisco Firepower 4120 NGFW Appliance. 1U. 2 x NetMod Bays.

## Quick Spec

Figure 1 shows the appearance of FPR4120-NGFW-K9.



Table 1 shows the quick spec.

<b>Product Number</b>	FPR4120-NGFW-K9
<b>Product Description</b>	Cisco Firepower 4120 NGFW Appliance. 1U. 2 x NetMod Bays
<b>Performance and Capabilities on Firepower Appliances</b>	
<b>Stateful inspection firewall throughput</b>	60 Gbps
<b>Stateful inspection firewall throughput (multiprotocol)</b>	30 Gbps
<b>Concurrent firewall connections</b>	15 million
<b>Firewall latency (UDP 64B microseconds)</b>	3.5
<b>New connections per second</b>	250,000
<b>IPsec VPN throughput (450B UDP L2L test)</b>	10 Gbps
<b>IPsec/Cisco AnyConnect/Apex site-to-site VPN peers</b>	15,000
<b>Maximum number of VLANs</b>	1024
<b>Hardware Specifications</b>	
<b>Dimensions (H x W x D)</b>	1.75 x 16.89 x 29.7 in. (4.4 x 42.9 x 75.4 cm)
<b>Form factor (rack units)</b>	1RU
<b>Security module slots</b>	-
<b>I/O module slots</b>	2

## Compare to Similar Items

Table 2 shows the comparison between FPR4120-NGFW-K9 and FPR4110-NGFW-K9.

<b>Product Number</b>	FPR4120-NGFW-K9	<a href="#">FPR4110-NGFW-K9</a>
<b>Product Description</b>	Cisco Firepower 4120 NGFW Appliance. 1U. 2 x NetMod Bays	Cisco Firepower 4110 NGFW Appliance. 1U. 2 x NetMod Bays
<b>Performance and Capabilities on Firepower Appliances</b>		
<b>Stateful inspection firewall throughput</b>	60 Gbps	35 Gbps
<b>Stateful inspection firewall throughput (multiprotocol)</b>	30 Gbps	15 Gbps
<b>Concurrent firewall connections</b>	15 million	10 million

## Get more information

Do you have any question about the FPR4120-NGFW-K9?

Contact us now via [Live Chat](#) or [sales@router-switch.com](mailto:sales@router-switch.com).

## Specification

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<b>FPR4120-NGFW-K9 Specification</b>	
<b>Product Number</b>	FPR4120-NGFW-K9
<b>Product Description</b>	Cisco Firepower 4120 NGFW Appliance. 1U. 2 x NetMod Bays
<b>Cisco Firepower 4120 Specification</b>	
<b>Performance and Capabilities on Firepower Appliances</b>	
<b>Stateful inspection firewall throughput</b>	60 Gbps
<b>Stateful inspection firewall throughput (multiprotocol)</b>	30 Gbps
<b>Concurrent firewall connections</b>	15 million
<b>Firewall latency (UDP 64B microseconds)</b>	3.5
<b>New connections per second</b>	250,000
<b>IPsec VPN throughput (450B UDP L2L test)</b>	10 Gbps
<b>IPsec/Cisco AnyConnect/Apex site-to-site VPN peers</b>	15,000
<b>Maximum number of VLANs</b>	1024
<b>Security contexts (included; maximum)</b>	10; 250
<b>High availability</b>	Active/active and active/standby
<b>Clustering</b>	Up to 16 appliances
<b>Scalability</b>	VPN Load Balancing, Firewall Clustering
<b>Centralized management</b>	Centralized configuration, logging, monitoring, and reporting are performed by Cisco Security Manager or alternatively in the cloud with Cisco Defense Orchestrator
<b>Adaptive Security Device Manager</b>	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	<ul style="list-style-type: none"> <li>● 8 x 10 Gigabit Ethernet Enhanced Small Form-Factor Pluggable (SFP+) network modules</li> <li>● 4 x 40 Gigabit Ethernet Quad SFP+ network modules</li> <li>● 8-port 1Gbps copper, FTW (fail to wire) Network Module</li> </ul> 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	200 GB	
Power supplies	Configuration	Single 1100W AC, dual optional. Single/dual 950W DC optional
	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 104°F (0 to 40°C)	
Temperature: nonoperating	-40 to 149°F (-40 to 65°C)	
Humidity: operating	5 to 95% noncondensing	
Humidity: nonoperating	5 to 95% noncondensing	

<b>Altitude: operating</b>	10,000 ft (max) or NEBS operation (see below)
<b>Altitude: nonoperating</b>	40,000 ft (max)
<b>NEBS operation (FPR 4120 only)</b>	Operating altitude: 0 to 13,000 ft (3960 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 50°C, up to 6,000 ft (1829 m)

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