FPR1140-NGFW-K9 Datasheet

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Overview

FPR1140-NGFW-K9 is the Cisco Firepower 1140 NGFW Appliance, with 8 x RJ45, 4 x SFP interfaces. The Cisco Firepower 1000 Series is a family of three threat-focused Next-Generation Firewall (NGFW) security platforms that deliver business resiliency through superior threat defense. It offers exceptional sustained performance when advanced threat functions are enabled. The 1000 Series' throughput range addresses use cases from the small office, home office, remote branch office to the Internet edge. The 1000 Series platforms run Cisco Firepower Threat Defense (FTD).

Quick Spec

Table 1 shows the quick spec.

Model	FPR1140-NGFW-K9
NGFW	2.2 Gbps
Next-Generation Intrusion Prevention System (NGIPS)	2.2 Gbps
Interfaces	8 x RJ45, 4 x SFP
Form factor (rack units)	1RU
Dimensions (H x W x D)	1.72 x 17.2 x 10.58 in.

Product Details

Table 2 shows the Performance specifications and feature highlights for Cisco Firepower 1000 with the Cisco Firepower Threat Defense image.

Features	1010	1120	1140
Throughput: Firewall (FW) + Application Visibility and Control (AVC) (1024B)	650 Mbps	1.5 Gbps	2.2 Gbps
Throughput: FW + AVC + Intrusion Prevention System (IPS) (1024B)	650 Mbps	1.5 Gbps	2.2 Gbps
Maximum concurrent sessions, with AVC	100K	200K	400K
Maximum new connections per second, with AVC	6K	15K	22K
Transport Layer Security (TLS)	150 Mbps	700 Mbps	1 Gbps
Throughput: NGIPS (1024B)	650 Mbps	1.5 Gbps	2.2 Gbps
IPSec VPN throughput (1024B TCP w/Fastpath)	300 Mbps	1 Gbps	1.2 Gbps
Maximum VPN Peers	75	150	400
Cisco Firepower Device Manager (local management)	Yes	Yes	Yes
Centralized management	Centralized configuration, logging, monitoring, and reporting are performed by the Management Center or alternatively in the cloud with Cisco Defense Orchestrator		
AVC	Standard, supporting more than 4000 applications, as well as geolocations, users, and websites		
AVC: OpenAppID support for custom, open-source application detectors	Standard		

Cisco Security Intelligence	Standard, with IP, URL, and DNS threat intelligence
Cisco Firepower NGIPS	Available; can passively detect endpoints and infrastructure for threat correlation and Indicators of Compromise (IoC) intelligence
Cisco Advanced Malware Protection (AMP) for Networks	Available; enables detection, blocking, tracking, analysis, and containment of targeted and persistent malware, addressing the attack continuum both during and after attacks. Integrated threat correlation with Cisco AMP for Endpoints is also optionally available.
Cisco AMP Threat Grid sandboxing	Available
URL filtering: number of categories	More than 80
URL filtering: number of URLs categorized	More than 280 million
Automated threat feed and IPS signature updates	Yes: class-leading Collective Security Intelligence (CSI) from the Cisco Talos® group
Third-party and open-source ecosystem	Open API for integrations with third-party products; Snort® and OpenAppID community resources for new and specific threats
High availability and clustering	Active/standby
Cisco Trust Anchor Technologies	Cisco Firepower 1000 Series platforms include Trust Anchor Technologies for supply chain and software image assurance. Please see the section below for additional details.
NOTE: Performance will vary depending on features activated, and network traffic protocol mix, and packet size characteristics. Performance is subject to change with new software releases. Consult your Cisco representative for detailed sizing guidance.	

Compare to Similar Items

Table 3 shows the comparison.

Model	NGFW	Next-Generation Intrusion Prevention System (NGIPS)	Interfaces
FPR1010-NGFW-K9	650 Mbps	650 Mbps	8 x RJ45
FPR1120-NGFW-K9	1.5 Gbps	1.5 Gbps	8 x RJ45, 4 x SFP
FPR1140-NGFW-K9	2.2 Gbps	2.2 Gbps	8 x RJ45, 4 x SFP

Get More Information

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Specification

FPR1140-NGFW-K9 Specification	
NGFW	2.2 Gbps
Next-Generation Intrusion Prevention System (NGIPS)	2.2 Gbps
Dimensions (H x W x D)	1.72 x 17.2 x 10.58 in.
Form factor (rack units)	1RU
Integrated I/O	8 x RJ-45, 4 x 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 3.0 Type-A (500mA)
Storage	1 x 200 GB
Power supply configuration	+12V
AC input voltage	100 to 240V AC
AC maximum input current	< 2A at 100V, < 1A at 240V
AC maximum output power	100W
AC frequency	50 to 60 Hz
AC efficiency	>85% at 50% load
Redundancy	None
Fans	1 integrated fan
Noise	34.2 dBA @ 25C, 56.8 dBA at highest system performance
Rack mountable	Yes. Fixed mount brackets included (2-post).
Weight	8 lb (3.63 kg)
Temperature: operating	32 to 104°F (0 to 40°C)
Temperature: nonoperating	-13 to 158°F (-25 to 70°C)
Humidity: operating	90% noncondensing
Humidity: nonoperating	10 to 90% noncondensing
Altitude: operating	9843 ft (max) 3000 m (max)
Altitude: nonoperating	15,000 ft (max)

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