

BRAND NEW &amp; VERIFIED



## VERIFIED PRODUCT DATASHEET

**FPR1140-NGFW-K9**

Cisco Network Hardware Specification, Availability and Quote Reference

<b>Product Model</b>	<b>FPR1140-NGFW-K9</b>
<b>Document Type</b>	<b>Product Datasheet</b>
<b>Condition</b>	<b>Brand New, Original and Verified</b>
<b>Supplier</b>	<b>Layer23-Switch.com</b>

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## FPR1140-NGFW-K9 Datasheet

The Cisco FPR1140-NGFW-K9 datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the FPR1140-NGFW-K9 and integrate it into enterprise or service provider networks with confidence.

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## Key Features

### Consistent deep inspection at scale

up to 3.3 Gbps FW+AVC and 3.5 Gbps NGIPS keep application visibility, URL filtering, and intrusion prevention always on for branch and campus edges.

### Encrypted traffic visibility that's practical

about 1.2 Gbps TLS decryption/inspection helps expose threats hidden in HTTPS while maintaining predictable user experience.

### Headroom for growth and bursts

up to 400,000 concurrent sessions and 22,000 new connections per second absorb traffic spikes from SaaS, hybrid work, and video collaboration.

### Resilient secure connectivity

1.4 Gbps IPsec VPN and up to 400 VPN peers for hub-and-spoke, site-to-site, and SD-WAN underlays, with active/standby high availability for continuity.

### Operational flexibility your team can standardize on

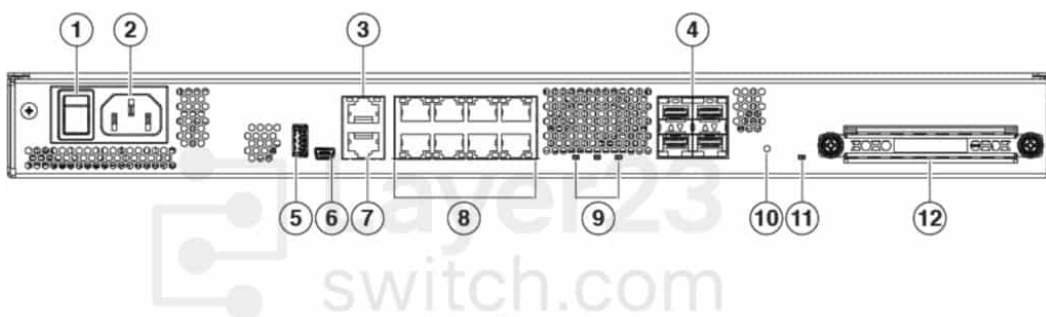
run Secure Firewall Threat Defense (FTD) for unified NGFW/IPS/URL policy and centralized FMC/CDO management, or use the ASA image where legacy workflows are required.

### Compact 1U connectivity footprint

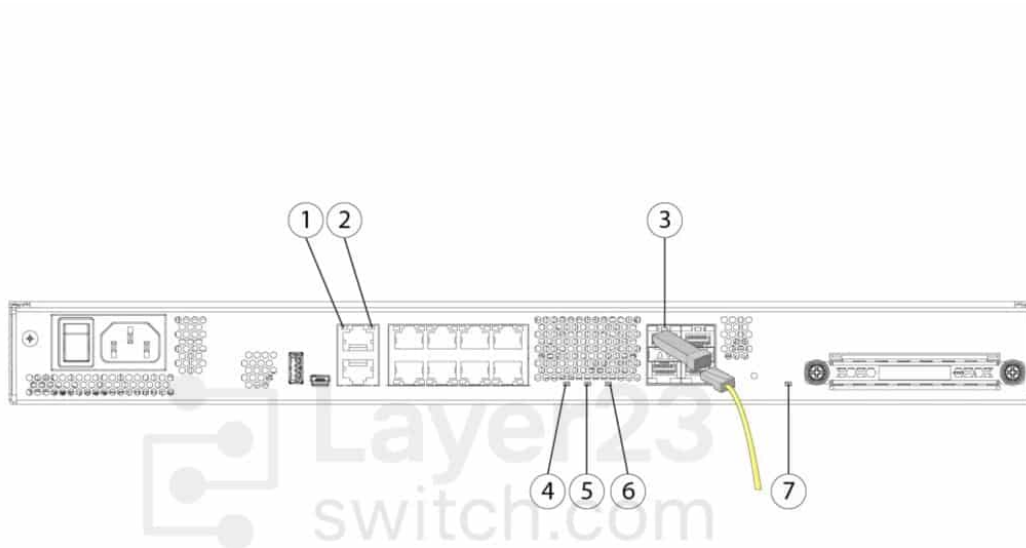
8 x 1G RJ-45 plus 4 x 1G SFP uplinks, dedicated 1G management, RJ-45 console, USB 3.0, and 200-GB on-box storage—simple to rack, power, and manage in wiring closets.

## FPR1140-NGFW-K9 Rear View

<b>1</b>	Power switch <b>Note</b> The power switch provides a way to gracefully shut down the system and place it in standby. The power supply and fan remain active and the fan may continue to spin at slow speed. To achieve total power shut down, unplug the power supply from the chassis.	<b>2</b>	Power cord socket
<b>3</b>	Management port	<b>4</b>	SFP ports (numbered 9 through 12)
<b>5</b>	USB Type A port	<b>6</b>	USB Mini B console port
<b>7</b>	RJ-45 (8P8C) console port	<b>8</b>	Network data ports
<b>9</b>	Status LEDs	<b>10</b>	Reset button
<b>11</b>	SSD LED	<b>12</b>	SSD bay



## Rear Panel LEDs



1	<b>Network</b> Status of the network ports:Link status (L):Off—No link, or port is not in use.Green—Link established.Green, flashing—Link activity.	2	<b>Network</b> Status of the network ports:Connection-speed status (S):Green, flashing—One flash every three seconds = 10 Mbps.Green, flashing—Two rapid flashes = 100 Mbps.Green, flashing—Three rapid flashes = 1000 Mbps.
3	<b>SFP</b> Status of the SFP transceiver:Link status (L):Off—No SFP.Amber—SFP present, but no link.Green, flashing—Link established and transmitting.	4	<b>Power</b> Power supply status:Off —Power supply off.Green—Power supply on.
5	<b>Status</b> System operating status:Off—System has not booted up yet.Green, flashing quickly—System is booting up.Green—Normal system function.Amber—Critical alarm indicating one or more of the following:Major failure of a hardware or software component.Over-temperature condition.Power voltage outside the tolerance range.Green, flashing slowly (twice in 5 seconds)—Cloud connected. <b>Note</b> Security Cloud Control is valid for FTD 6.7 and later.Green and amber, flashing—Cloud connection failure.Green—Cloud disconnected. <b>Note</b> The Security Cloud Control LED pattern applies to zero-touch provisioning (ZTP). See the Easy Deployment Guide for Cisco Secure Firewall Threat Defense with Cisco Security Cloud Control for more information.	6	<b>Active</b> Status of the failover pair:Off— Failover is not operational.Green—Failover pair operating normally. The LED is green always unless the chassis is in a high availability pair.Amber—When the chassis is in a high availability pair, the LED is amber for the standby unit. <b>Note</b> For Active-Active cases with multi-context enabled, since there will be multiple groups with Active and Standby units, any unit can be in the Active or Standby state in each group, thus the LED behavior is not deterministic. Therefore, you must ignore the LED status for Active-Active cases.
7	<b>SSD</b> Status of the SSD:Off— No SSD present.Green—SSD detected.Green, flashing—Activity on the SSD. <b>Note</b> See Replace the SSD for the procedure for replacing a failed SSD.	—	—

## Specification

Parameter	Specification	Parameter	Specification
Model	Firepower 1140 (bundle: FPR1140-NGFW-K9)	Software images	Secure Firewall Threat Defense (FTD) or ASA
Throughput (FW+AVC, 1024B)	3.3 Gbps	Throughput (FW+AVC+IPS, 1024B)	3.3 Gbps
NGIPS throughput (1024B)	3.5 Gbps	TLS decryption/inspection	1.2 Gbps
Concurrent sessions (with AVC)	400,000	New connections per second (with AVC)	22,000
IPsec VPN throughput	1.4 Gbps (1024B TCP Fastpath)	Maximum VPN peers	400
High availability (FTD)	Active/standby	Clustering (FTD)	Not supported
ASA stateful FW (UDP 1500B)	6 Gbps	ASA multiprotocol throughput	3.5 Gbps
ASA new connections per second	100,000	ASA maximum VPN peers	400
Network data interfaces	8 x 10/100/1000BASE-T (RJ-45)	SFP slots	4 x 1G SFP
Management port	1 x 1000BASE-T	Console port	RJ-45 serial
USB	1 x USB 3.0 Type-A (500 mA)	On-box storage	200 GB
Form factor	1U rack-mount	Dimensions (H x W x D)	1.72 x 17.2 x 10.58 in
Weight	8 lb (3.6 kg)	Rack hardware	Rack ears included
Power supply	Integrated single AC, 100-240 V, 50/60 Hz	Max power draw	100 W
Cooling	Integrated fan	Typical noise	34.2-56.8 dBA (approx.)
Operating temperature	0-40 °C (32-104 °F)	Non-operating temperature	-25-70 °C (-13-158 °F)
Operating humidity	Up to 90% non-condensing	Operating altitude	Up to 3,000 m (9,843 ft)
Non-operating altitude	Up to 15,000 ft	Regulatory/EMC	CE; FCC Class A; EN 55022/55024 and regional standards

Parameter	Specification	Parameter	Specification
On-box management	Cisco Device Manager (web UI)	Centralized management	Secure Firewall Management Center (FMC) or Cisco Defense Orchestrator (CDO)
Licensing/subscriptions	Threat, URL, Malware, IPS (as applicable)	Security services	Cisco Talos intelligence integration

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