

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

FPR3105-NGFW-K9

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	FPR3105-NGFW-K9
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

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FPR3105-NGFW-K9 Datasheet



The Cisco FPR3105-NGFW-K9 datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the FPR3105-NGFW-K9 and integrate it into enterprise or service provider networks with confidence.

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Key Features

Balanced Performance for Mid-Range Deployments

Delivers **10 Gbps NGFW throughput** with AVC and IPS, providing reliable protection for enterprises and mid-size data centers that need high security without over-investing in excess capacity.

Strong Encrypted Traffic Inspection

Supports **3.2 Gbps TLS inspection**, enabling organizations to maintain visibility into encrypted traffic while ensuring compliance and preventing hidden threats.

Robust Session and Connection Handling

Designed to support **1.5 million concurrent sessions** and **90,000 new connections per second**, ensuring stability for branch campuses, WAN edges, and secure internet gateways.

Efficient Secure Connectivity

Provides **5.5 Gbps IPsec VPN throughput** with support for **2,000 VPN peers**, making it ideal for enterprises with distributed offices and hybrid workforces.

Flexible and Modern Management

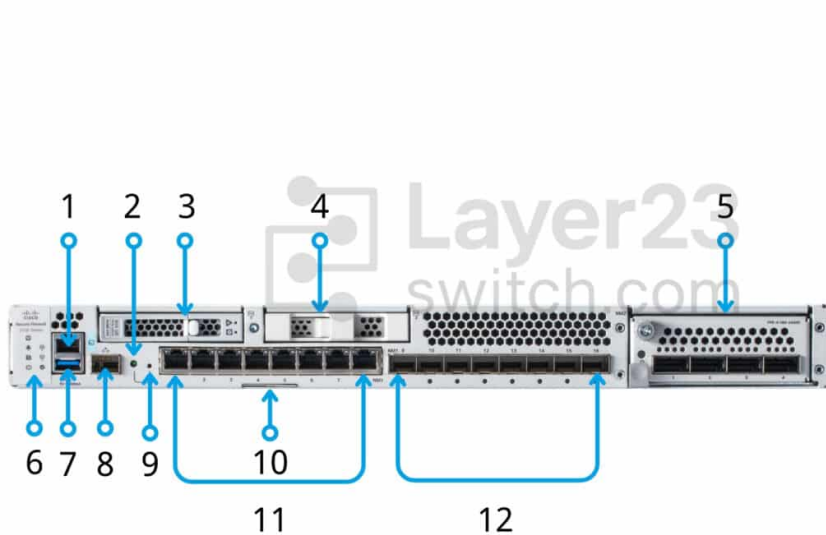
Compatible with **Firepower Device Manager (FDM)** for local configuration, **Firepower Management Center (FMC)** for advanced policy and analytics, and **Cisco Defense Orchestrator (CDO)** for cloud-based orchestration.

Enterprise Resiliency and Reliability

Ships with a **single 400W AC power supply** (optional dual AC/DC for redundancy), active/active and active/standby high

availability, and hot-swappable components to maximize uptime.

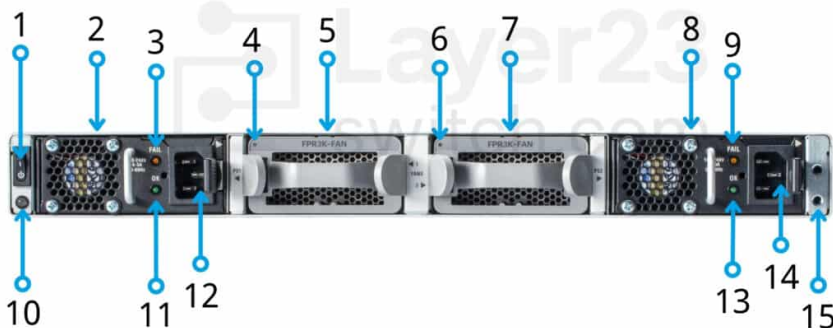
Front View



1	RJ-45 console port	2	Recessed factory reset button
3	SSD-1	4	SSD-2
5	Network module (NM-2)	6	System LEDs
7	Type A USB 3.1 port	8	Gigabit Ethernet management port: Secure Firewall Threat Defense—Management 0 (also referred to as Management 1/1 and Diagnostic 1/1) ASA—Management 1/1
9	Reset button LED	10	Pullout asset card with chassis serial number, getting started guide QR code, and LTP QR code
11	Eight fixed RJ-45 ports (NM-1) RJ-45 ports named Ethernet 1/1 through 1/8 left to right; for a list of supported SFPs.	12	Eight fixed SFP+ ports (NM-1) SFP+ ports named Ethernet 1/9 through 1/16 left to right; for a list of supported SFPs.

Rear View

1	Power on/off switch	2	Power supply module (PSU-1)
3	Power supply module FAIL LED (PSU-1)	4	Fan module LED (FAN-1)
5	Fan module (FAN-1)	6	Fan module LED (FAN-2)
7	Fan module (FAN-2)	8	Power supply module (PSU-2)
9	Power supply module FAIL LED (PSU-2)	10	Chassis power LED Note This power LED has the same behavior as the front panel LED. See Front Panel LEDs for more information.
11	Power supply module OK LED (PSU-1)	12	Power supply module connector (PSU-1)
13	Power supply module OK LED (PSU-2)	14	Power supply module connector (PSU-2)
15	Two-post grounding pad Note The two-post grounding lug and two screws are included in the accessory kit.		—



Specification

Parameter	Specification	Parameter	Specification
Form Factor	1RU	Dimensions (H×W×D)	1.73 × 16.90 × 19.76 in (4.4 × 42.9 × 50.2 cm)

Parameter	Specification	Parameter	Specification
Integrated I/O	12 × 1G RJ-45 + 4 × 10G SFP+	Max Interfaces	Up to 24 (incl. network module)
Mgmt Port	1 × 10/100/1000 RJ-45	Console	RJ-45
USB	1 × USB 2.0 Type-A (500 mA)	Storage	1 × 200 GB SSD, 1 spare slot
NGFW (FW+AVC, 1024B)	10.4 Gbps	FW+AVC+IPS (1024B)	10.4 Gbps
IPS Throughput	10.5 Gbps	TLS Decryption	1.4 Gbps
Max Sessions	3.0 million (with AVC)	New Connections/s	57,000 (with AVC)
IPsec VPN (Fastpath)	3.6 Gbps	Max VPN Peers	10,000
High Availability	Active/Standby	Trust Anchor	Cisco Trust Anchor Technologies
Local Management	Firepower Device Manager (FDM)	Central Management	FMC / Cisco Defense Orchestrator
Power Supply	Dual 400W AC (standard); optional 350W DC	AC Input	100-240V AC; <6A @ 100V; 50-60 Hz
AC Efficiency	>89% @ 50% load	Redundancy	Dual PSU included (1+1 AC); DC supported
Fans / Noise	Hot-swappable fan module; 56-77 dBA	Rack Mount	4-post rails included
Operating Temp	0-40°C (32-104°F)	Operating Humidity	10-85% non-condensing
Altitude (operating)	Up to 10,000 ft	Weight	21 lb (9.53 kg)

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