

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

FPR2110-NGFW-K9

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	FPR2110-NGFW-K9
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

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FPR2110-NGFW-K9 Datasheet



The Cisco FPR2110-NGFW-K9 datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the FPR2110-NGFW-K9 and integrate it into enterprise or service provider networks with confidence.

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Key Features

Next-Generation Threat Defense

The Cisco Firepower 2110 (Secure Firewall 2110) integrates advanced intrusion prevention (NGIPS), application visibility and control (AVC), and URL filtering, providing comprehensive security against malware and emerging threats

Optimized Dual Multicore Architecture

Innovative CPU design separates firewall and inspection workloads, ensuring consistent performance even with advanced features such as TLS decryption or IPS enabled

Flexible Management Options

Supports both on-box local management via Firepower Device Manager (FDM) for small deployments and centralized policy, logging, and reporting with Firepower Management Center (FMC) or Cisco Defense Orchestrator (CDO)

Deep Visibility and Intelligence

Offers more than 4,000 application detectors, integration with Cisco Talos threat intelligence, and OpenAppID for custom signatures, enabling proactive defense and rapid response to Indicators of Compromise (IoCs)

Secure Connectivity with High VPN Scale

Supports up to 1,500 VPN peers and ~950 Mbps IPsec VPN throughput, making it ideal for branch or edge locations that require encrypted connectivity without compromising performance

Integrated Resiliency and Trust

Includes Cisco Trust Anchor Technologies for secure boot and software integrity validation, ensuring supply-chain security and reducing risk of compromised firmware

Specification

Parameter	Specification	Parameter	Specification
Model	Cisco Firepower 2110 (FPR2110-NGFW-K9)	Form Factor	1RU
Dimensions (H×W×D)	1.73 × 16.90 × 19.76 in (4.4 × 42.9 × 50.2 cm)	Weight	16.1 lb (7.3 kg) with 2×SSDs
Integrated I/O	12×10/100/1000 RJ-45 + 4×1G SFP	Max Number of Interfaces	Up to 16 (12×1G RJ-45 + 4×1G SFP)
Mgmt Port	1×RJ-45 10/100/1000	Console Port	RJ-45
USB	1×USB 2.0 Type-A (500 mA)	Storage	1×100 GB SSD (1 spare slot)
NGFW Throughput (FW+AVC, 1024B)	2.6 Gbps	FW+AVC+IPS (1024B)	2.6 Gbps
IPS Throughput (1024B)	2.6 Gbps	TLS Decryption Throughput	365 Mbps
Max Concurrent Sessions (with AVC)	1,000,000	New Connections per Second (with AVC)	14K
IPsec VPN Throughput (1024B TCP, Fastpath)	950 Mbps	Max VPN Peers	1,500
Local Management	Firepower Device Manager (FDM)	Centralized Management	Secure Firewall Management Center (FMC) / Cisco Defense Orchestrator (CDO)
AVC (App Visibility & Control)	>4,000 applications; users, sites, geos	OpenAppID	Supported (custom detectors)
Security Intelligence	IP/URL/DNS intel (Talos)	NGIPS	Available; endpoint/infrastructure correlation

Parameter	Specification	Parameter	Specification
AMP for Networks	Available; detection/blocking/analysis	Threat Grid Sandboxing	Available
URL Filtering Categories	>80	URLs Categorized	>280 million
Automated Updates	Threat feed & IPS signatures (Cisco Talos)	High Availability (TD)	Active/Standby
ASA Stateful FW Throughput	3 Gbps (multiprotocol: 1.5 Gbps)	ASA New Connections/s	18,000
ASA Security Contexts	2 included; max 25	ASA HA/Clustering	Active/Active & Active/Standby; Clustering
Power Supply	Single integrated 250W AC	AC Input	100-240V AC, 50-60 Hz
AC Max Input Current	<2.7A @ 100V	AC Efficiency	>88% @ 50% load
Fans	4 integrated (2 internal, 2 exhaust)	Acoustic Noise	56 dBA @ 25°C; 74 dBA at highest performance
Redundancy	No PSU redundancy (single PSU)	Rack Mount	Fixed 2-post brackets included; 4-post rails optional
Operating Temperature	0-40°C (32-104°F)	Non-operating Temperature	-20-65°C (-4-149°F)
Operating Humidity	10-85% non-condensing	Non-operating Humidity	5-95% non-condensing
Operating Altitude	Up to 10,000 ft	Non-operating Altitude	Up to 40,000 ft

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