

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

FPR2140-ASA-K9

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	FPR2140-ASA-K9
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

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FPR2140-ASA-K9 Datasheet

The Cisco FPR2140-ASA-K9 datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the FPR2140-ASA-K9 and integrate it into enterprise or service provider networks with confidence.



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Key Features

Highest-Performance ASA in 2100 Series

The Cisco FPR2140-ASA-K9, also known as the Firepower 2140 ASA appliance or Secure Firewall ASA 2140, provides 20 Gbps stateful firewall throughput (10 Gbps multiprotocol), making it the top ASA option in the Firepower 2100 lineup.

Massive Session & Connection Capacity

Supports 3 million concurrent sessions and 75,000 new connections per second, ensuring stability and responsiveness even in large-scale enterprise or data center deployments.

Enterprise-Grade High Availability

Provides Active/Active and Active/Standby HA, combined with dual 400W AC PSU (standard) and hot-swappable fans for continuous operations in mission-critical environments.

Extensive VPN Services

Delivers 2 Gbps IPsec VPN throughput with support for up to 10,000 VPN peers, allowing secure global remote access and inter-branch communication.

Multi-Tenant Capabilities

Comes with 2 contexts by default (expandable up to 40), ideal for enterprises, government, and MSSPs that need network segmentation or multi-customer isolation.

Flexible Management Options

Easy to configure locally via Cisco Adaptive Security Device Manager (ASDM), with centralized orchestration available through Cisco Security Manager or the cloud-based Cisco Defense Orchestrator (CDO).

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)
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
ASA Stateful FW	20 Gbps	ASA Multiprotocol FW	10 Gbps
ASA New Connections/s	75,000	ASA Concurrent Sessions	3.0 million
ASA IPsec VPN Throughput	2 Gbps (450B UDP L2L test)	ASA Max VPN Peers	10,000
ASA Security Contexts	2 included; up to 40	ASA High Availability	Active/Active & Active/Standby
Local Management	ASDM (web-based)	Centralized Management	Cisco Security Manager / 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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