

Cisco Firepower 1150

NGFW Appliance Specification Sheet | Model: FPR1150-NGFW-K9

1RU RACK-MOUNT

Product Overview: Cisco Firepower 1150 is a high-performance Next-Generation Firewall engineered for high-density branch offices, medium-sized enterprises, and campus edge environments. Featuring 10GbE SFP+ uplinks and advanced threat inspection, it delivers robust security without compromising network speed.

KEY PERFORMANCE BENCHMARKS

NGFW / THREAT THROUGHPUT

5.3 Gbps

Includes Firewall, AVC, and NGIPS threat inspection

FIREWALL THROUGHPUT (RAW)

7.5 Gbps

Stateful inspection performance

IPSEC VPN THROUGHPUT

2.4 Gbps

Encrypted site-to-site & remote access transport

TLS / SSL INSPECTION

1.4 Gbps

Hardware-accelerated decryption

PERFORMANCE & CONNECTION METRICS

Feature Metric	Specification Value
Concurrent Firewall Sessions	600,000 connections
New Connections Per Second (CPS)	28,000 connections/sec
Maximum IPsec VPN Peers	800 Tunnels
Next-Gen IPS (NGIPS) Throughput	6.1 Gbps
High Availability (HA) Options	Active/Standby, Active/Active Clustering
Application Visibility & Control (AVC)	Standard (4,000+ applications recognized)

SUPPORTED OPERATING SYSTEMS

- Cisco Firepower Threat Defense (FTD):** Native software unifying firewalling, IPS, Application Visibility (AVC), Malware Defense (AMP), and URL Filtering under a single operational OS.
- Cisco Adaptive Security Appliance (ASA):** Supports conversion to traditional stateful ASA firewall software mode.

HARDWARE SPECIFICATIONS & INTERFACES

Hardware Component	Specification Details
Fixed Ethernet Interfaces	8 x 1GbE RJ-45 (Copper) + 2 x 1GbE SFP (Fiber)
High-Speed Fiber Uplinks	2 x 10GbE SFP+ (High-Density Fiber Uplinks)
Dedicated Management Port	1 x 10/100/1000M RJ-45 Gigabit Ethernet
Console Ports	1 x RJ-45 Serial Console
USB Port	1 x USB 3.0 Type-A
Integrated Storage	200 GB SSD (Local log storage & threat databases)
Form Factor	1RU Standard Rack-Mount

PHYSICAL, POWER & ENVIRONMENTAL SPECS

Parameter	Specification
Dimensions (H x W x D)	1.72 x 17.2 x 10.58 in (4.37 x 43.68 x 26.87 cm)
Weight	~3.63 kg (8.0 lbs)
Power Supply Unit	Single Integrated AC Power Supply (100V to 240V AC)
Max Power Consumption	100 Watts
Thermal Output	341 BTU/hr
Airflow & Cooling	Front-to-Back Airflow (Integrated Cooling Fan)
Operating Temperature	0°C to 40°C (32°F to 104°F)

MANAGEMENT & LICENSING OPTIONS

MANAGEMENT OPTIONS

- **FMC:** Firepower Management Center (On-Premises)
- **FDM:** Firepower Device Manager (On-Box Web UI)
- **CDO:** Cisco Defense Orchestrator (Cloud Management)

SMART SUBSCRIPTIONS

- **Threat License (T):** NGIPS & Application Control
- **URL Filtering (URL):** Category & Web Reputation
- **AMP for Networks (AMP):** Advanced Malware Protection