

Cisco Firepower 1120

NGFW Appliance Specification Sheet | Model: FPR1120-NGFW-K9

1RU RACK-MOUNT

Product Overview: Cisco Firepower 1120 is a tailored Next-Generation Firewall designed specifically for mid-sized business operations, enterprise branch offices, and campus edge deployments. It integrates business-grade security with threat control without sacrificing network throughput.

KEY PERFORMANCE BENCHMARKS

NGFW / IPS THROUGHPUT

1.5 Gbps

Includes Firewall, AVC, and NGIPS threat inspection

FIREWALL THROUGHPUT (RAW)

2.3 Gbps

Stateful inspection performance

IPSEC VPN THROUGHPUT

1.0 Gbps

Encrypted site-to-site & client transport

TLS / SSL INSPECTION

700 Mbps

Hardware-accelerated decryption

PERFORMANCE & CONNECTION METRICS

Feature Metric	Specification Value
Concurrent Firewall Sessions	200,000 connections
New Connections Per Second (CPS)	15,000 connections/sec
Maximum IPsec VPN Peers	150 Tunnels
Cisco Identity Services Engine (ISE)	Supported for Context-Aware Identity Policies
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):** Unifies NGFW firewalling, IPS, Application Visibility (AVC), Advanced Malware Protection (AMP), and URL Filtering under a single OS layer.
- Cisco Adaptive Security Appliance (ASA):** Supports conversion to traditional stateful firewall mode for existing ASA infrastructure consistency.

HARDWARE SPECIFICATIONS & INTERFACES

Hardware Component	Specification Details
Fixed Ethernet Interfaces	8 x 1GbE RJ-45 (Copper) + 4 x 1GbE SFP (Fiber)
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)
Power Supply Unit	Single Integrated AC Power Supply (100V to 240V AC)
Max Power Consumption	100 Watts
Thermal Output	341 BTU/hr
Acoustic / Fans	1 x Integrated Fan (Acoustic noise ~ 40 dBA)
Operating Temperature	0°C to 40°C (32°F to 104°F)

MANAGEMENT & LICENSING OPTIONS

MANAGEMENT PLATFORMS

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

SMART SUBSCRIPTIONS

- **Threat License (T):** NGIPS & AVC
- **URL Filtering (URL):** Category & Reputation
- **AMP for Networks (AMP):** Malware Defense