

Cisco Secure Firewall 1010

Next-Generation Firewall (NGFW) Data Sheet | SKU: FPR1010-NGFW-K9

SMALL OFFICE /
BRANCH

Executive Overview

The Cisco Secure Firewall 1010 (FPR1010-NGFW-K9) delivers robust, enterprise-grade threat protection in a compact, fanless desktop form factor. Designed for small offices and remote locations, it offers advanced layer 7 application control, Snort 3 IPS, integrated PoE+ ports, and seamless Cisco Secure Client (AnyConnect) remote access VPN support.

PERFORMANCE & THROUGHPUT PROFILE

3.0 Gbps

FIREWALL (FW / AVC) THROUGHPUT

885 Mbps

FW + AVC + IPS THROUGHPUT

800 Mbps

IPSEC VPN THROUGHPUT

100,000

MAX CONCURRENT CONNECTIONS

HARDWARE INTERFACES & ARCHITECTURE

Component	Specification Details
Network Interfaces	8x 10/100/1000M RJ-45 Gigabit Ethernet ports
PoE Capabilities	2x Ports support PoE+ (IEEE 802.3at) - Total 30W Power Budget
Management Port	1x 10/100/1000M RJ-45 Out-of-band Management Port
Console Ports	1x RJ-45 Serial Console, 1x Micro-USB Console Port
USB Interface	1x USB 3.0 Type-A Host Port
Internal Storage	200 GB SSD Internal Storage
Form Factor	Desktop / Fanless Design (Silent, Noise-free Operation)

SOFTWARE ENGINES & DEPLOYMENT OPTIONS

- Cisco Secure Firewall Threat Defense (FTD):** Unifies Stateful Firewalling, Snort 3 Next-Gen IPS, Application Visibility (AVC), URL Filtering, and Advanced Malware Protection (AMP).
- Cisco ASA Software:** Supports traditional Adaptive Security Appliance features and advanced routing options.
- Management Options:** On-box Cisco Firepower Device Manager (FDM), Centralized Firewall Management Center (FMC), or Cloud Management via Cisco Security Cloud Control.

PHYSICAL, POWER & THERMAL SPECIFICATIONS

Parameter	Specification
Dimensions (H x W x D)	1.82 in x 7.87 in x 8.07 in (4.62 cm x 20.0 cm x 20.5 cm)
Unit Weight	~3.0 lbs (1.36 kg)
Power Supply	External 100-240V AC Power Adapter (Supports 12V DC input)
Power Consumption	35W Maximum (Non-PoE) / 65W Maximum (With Full PoE Output)
Heat Dissipation	119 BTU/hr (Non-PoE)
Operating Temperature	32°F to 104°F (0°C to 40°C)

LICENSING & SMART SUBSCRIPTIONS

Subscription Option	Functionality Included
Base License	Stateful Firewalling, NAT, Routing (OSPF/BGP), and Site-to-Site IPsec VPN (Included with hardware).
Threat License (T)	Next-Gen IPS (Snort 3) Engine, Attack Prevention, and Application Visibility & Control (AVC).
Malware License (M)	Advanced Malware Protection (AMP) and Threat Grid Cloud Sandboxing.
URL Filtering (URL)	Category and Reputation-based Web Filtering across millions of domains.
AnyConnect / Secure Client	Remote Access SSL/IPsec VPN licensing (Supports up to 75 concurrent peers).

ADVANCED SECURITY & NETWORK AUTOMATION

- **Integrated Switching & PoE+:** Built-in switch ports with PoE+ simplify deployment by directly powering IP phones or Cisco Access Points.
- **Encrypted Traffic Analytics:** Detects threats in encrypted sessions without requiring SSL decryption.
- **Zero-Touch Provisioning:** Automated onboarding via Cisco Security Cloud Control for multi-site branch rollouts.

Ordering Guidance

Order **FPR1010-NGFW-K9** for the base hardware appliance, and pair with term-based Smart Subscriptions (such as **L-FPR1010T-TMC** for Threat, Malware, and URL protection) to activate full Next-Generation Security services.