

Cisco Firepower 1140

Next-Generation Firewall (NGFW)

Product Data Sheet
SKU: FPR1140-NGFW-K9

The **Cisco Firepower 1140 (FPR1140-NGFW-K9)** is a robust, rack-mountable 1RU security appliance designed specifically for small to medium-sized business (SMB) offices and branch environments. Powered by dual multicore CPU architecture, it provides enterprise-grade threat protection, high-throughput inspection, and seamless network resilience without compromising performance.

KEY VALUE HIGHLIGHTS

Superior Threat Defense

Integrates Snort 3 IPS engine, Application Visibility and Control (AVC), and Cisco Talos intelligence to block sophisticated attacks.

High Security Throughput

Delivers up to 2.3 Gbps of combined Firewall, AVC, and IPS inspection throughput for high-speed network protection.

Flexible Interfaces

Equipped with 8 x 1G RJ-45 copper ports and 4 x 1G SFP fiber ports for high-density network architecture integration.

Unified Management

Supports local management via Cisco Firepower Device Manager (FDM) and centralized management via FMC or Cisco Defense Orchestrator.

PERFORMANCE & CAPACITY SPECIFICATIONS

Parameter	Specification Standard
Firewall + AVC Throughput	2.3 Gbps
FW + AVC + Next-Gen IPS Throughput	2.3 Gbps
IPS Throughput (Standalone)	3.5 Gbps
IPSec VPN Throughput	1.4 Gbps
TLS / SSL Decryption Throughput	1.2 Gbps
Concurrent Connections (AVC)	400,000
New Connections / Second	22,000
Maximum VPN Peers	400 Site-to-Site / Remote Access

HARDWARE ARCHITECTURE & INTERFACES

- Integrated Network Interfaces:** 8 x 10/100/1000BASE-T RJ-45 Ethernet ports, 4 x 1Gbps SFP ports.
- Dedicated Management Port:** 1 x 10/100/1000BASE-T RJ-45 Ethernet port.
- Console & Aux Ports:** 1 x RJ-45 Serial Console, 1 x Micro-USB Console.
- Storage:** Integrated 200 GB SSD for system software, local logging, and event data retention.
- Form Factor:** 1RU (Rack Unit), standard 19-inch rack mountable.

SOFTWARE FEATURES & CAPABILITIES

Feature Area	Capabilities & Descriptions
Operating Systems	Supports Cisco Firepower Threat Defense (FTD) or Cisco ASA Software .
Application Control	Application Visibility and Control (AVC) with standard support for 4,000+ applications and custom rules.
Threat Prevention	Next-Generation IPS (NGIPS), Advanced Malware Protection (AMP) for Endpoints/Networks, URL Filtering.
Threat Intelligence	Automated dynamic updates driven by Cisco Talos® global security intelligence network.
VPN Services	IPSec Site-to-Site VPN, Cisco AnyConnect® Remote Access Secure Mobility Client.
High Availability	Active/Standby High Availability (HA) pairing for seamless network redundancy.

PHYSICAL, POWER & ENVIRONMENTAL SPECIFICATIONS

Dimensions & Weight • Height x Width x Depth: 1.72 x 17.2 x 10.58 in (4.37 x 43.68 x 26.87 cm) • Form Factor: 1RU • Weight: 8.0 lbs (3.63 kg)	Power Supply & Acoustics • Input Voltage: 100 to 240V AC • AC Frequency: 50 to 60 Hz • Noise Level: 34.2 dBA (Normal operation) to 56.8 dBA (Max performance)
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LICENSING & SUBSCRIPTION ARCHITECTURE

Cisco Firepower 1100 Series utilizes Smart Licensing. Base appliance hardware includes Firewall and Application Control (AVC). Advanced features are enabled via subscription-based licenses:

License Tier	Included Security Functionality
Base License	Stateful Firewall inspection, AVC, IP/URL-based Site-to-Site VPN, and local management (FDM).
Threat License (T)	Next-Generation Intrusion Prevention System (NGIPS) and Cisco Talos automated threat feeds.
Malware License (AMP)	Advanced Malware Protection for file analysis, sandboxing, and retrospective threat detection.
URL Filtering (URL)	Category and reputation-based web filtering covering hundreds of millions of domain URLs.

ORDERING INFORMATION

- **FPR1140-NGFW-K9:** Cisco Firepower 1140 NGFW Appliance, 1RU, AC Power Supply.
- **FPR1140-ASA-K9:** Cisco Firepower 1140 Appliance pre-loaded with Cisco ASA Software.
- **L-FPR1140T-TMC=:** Cisco FPR1140 Threat, Malware, and URL Filtering 3-Year Subscription License.