

Cisco Firepower 2130

Modular Enterprise NGFW Specification Sheet | Model: FPR2130-NGFW-K9

1RU MODULAR RACK

Product Overview: Cisco Firepower 2130 is an enterprise-class Next-Generation Firewall featuring modular expansion bays, high-density 10GbE SFP+ ports, and NEBS-ready reliability. Built on an advanced multi-core CPU architecture, it delivers 4.75 Gbps threat prevention performance and supports dual hot-swappable power supplies for mission-critical enterprise edges and data centers.

KEY PERFORMANCE BENCHMARKS

NGFW / THREAT THROUGHPUT

4.75 Gbps

Includes Firewall, AVC, and NGIPS threat inspection

FIREWALL THROUGHPUT (RAW)

10.0 Gbps

Stateful inspection performance (ASA Mode)

CONCURRENT SESSIONS

2,000,000

Supports 2 Million active connection states

MAX IPSEC VPN TUNNELS

7,500 Peers

High-density site-to-site & remote user scaling

PERFORMANCE & SCALE METRICS

Feature Metric	Specification Value
IPsec VPN Throughput (Fastpath)	1.5 Gbps (1.0 Gbps L2L Standard)
Multiprotocol Stateful Throughput	5.0 Gbps
New Connections Per Second (CPS - FTD)	24,000 connections/sec
New Connections Per Second (CPS - ASA)	40,000 connections/sec
High Availability & Redundancy	Active/Standby, Active/Active HA, Redundant Power
Application Visibility & Control (AVC)	Standard (4,000+ app signatures & OpenAppID support)

SUPPORTED OPERATING SYSTEMS

- Cisco Firepower Threat Defense (FTD):** Next-generation software platform integrating stateful firewalling, NGIPS, Application Control, AMP malware detection, and URL filtering into a unified image.
- Cisco Adaptive Security Appliance (ASA):** Supports conversion to traditional ASA code for enterprise network routing and stateful access control environments.

HARDWARE SPECIFICATIONS & EXPANSION

Hardware Component	Specification Details
Fixed Copper Interfaces	12 x 1GbE RJ-45 (10M/100M/1GBASE-T)
Fixed Optical Interfaces	4 x 10GbE SFP+ (1G/10G Fiber Ports)
Network Module (NM) Bays	1 Expansion Slot (Up to 24 Total Ethernet Ports)
Supported Expansion Modules	8x 1G SFP, 8x 10G SFP+, 8x 1G Copper w/ Bypass, Fiber w/ Bypass
Dedicated Management Port	1 x 10M/100M/1GBASE-T Ethernet (RJ-45)
Console Ports & USB	1 x RJ-45 Serial Console + 1 x USB 2.0 Type-A
Internal Storage	200 GB SSD (Primary) + Slot for Malware Storage Pack (MSP)

PHYSICAL, POWER & ENVIRONMENTAL SPECS

Parameter	Specification
Dimensions (H x W x D)	1.73 x 16.90 x 19.76 in (4.4 x 42.9 x 50.2 cm) – 1RU
System Memory / RAM	32 GB System Memory + 16 GB NPU RAM
Power Supplies	Dual Power Supply Slots (Ships w/ 1 x 400W AC; 1+1 Redundant)
Cooling System	1 x Hot-Swappable Fan Tray (4 Integrated Fans; Front-to-Rear)
NEBS Certification	NEBS-Ready Certified Platform
Operating Temperature	0°C to 40°C (32°F to 104°F)

MANAGEMENT & LICENSING SUBSCRIPTIONS

CENTRALIZED MANAGEMENT

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

SMART SECURITY SUBSCRIPTIONS

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