

# Cisco Secure Firewall 3130

Enterprise High-Performance NGFW Datasheet | Model: FPR3130-NGFW-K9

1RU 25G/40G MULTI-GIG

**Product Overview:** Cisco Secure Firewall 3130 (3100 Series) is designed for high-density enterprise edges, data centers, and campus core security deployments. Built on hardware crypto offloading and Snort 3 inspection engine, it features native 25GbE interfaces, 38.0 Gbps threat prevention throughput, and multi-chassis clustering (up to 8 units) for extreme resilience.

## KEY PERFORMANCE BENCHMARKS

### FW + AVC + NGIPS THROUGHPUT

**38.0 Gbps**

Full threat prevention inspection (FTD Mode)

### FIREWALL THROUGHPUT (RAW ASA)

**42.0 Gbps**

Stateful firewall inspection throughput

### CONCURRENT SESSIONS

**6,000,000**

Supports 6 Million active concurrent sessions

### MAX IPSEC VPN TUNNELS

**15,000 Peers**

High-scale site-to-site & remote access scale

## PERFORMANCE & ACCELERATION METRICS

| Feature Metric                         | Specification Value                                  |
|----------------------------------------|------------------------------------------------------|
| IPsec VPN Throughput (FTD 1024B)       | 17.8 Gbps (Up to 33.0 Gbps w/ Hardware VPN Offload)  |
| TLS 1.3 / SSL Decryption Throughput    | 9.1 Gbps                                             |
| New Connections Per Second (CPS - FTD) | 240,000 connections/sec                              |
| New Connections Per Second (CPS - ASA) | 450,000 connections/sec                              |
| Chassis Clustering Support             | Clustering support for up to 8 Chassis units         |
| High Availability (HA)                 | Active/Standby and Active/Active Stateful Redundancy |

## SUPPORTED OPERATING SYSTEMS

- Cisco Firepower Threat Defense (FTD):** Threat-focused unified image combining stateful firewalling, Snort 3 NGIPS, Application Visibility & Control (AVC), AMP malware defense, and URL filtering.
- Cisco Adaptive Security Appliance (ASA):** Supports enterprise ASA software mode for high-throughput stateful firewalling and advanced L3 routing integrations.

## HARDWARE ARCHITECTURE & MODULAR EXPANSION

| Hardware Element                    | Specification Details                                             |
|-------------------------------------|-------------------------------------------------------------------|
| Fixed Copper Interfaces             | 8 x 10M/100M/1GBASE-T RJ-45 Ports                                 |
| Fixed High-Speed Optical Interfaces | 8 x 1/10/25 Gigabit SFP28 Optical Interfaces                      |
| Network Module (NM) Bays            | <b>1 Expansion Bay</b> (Supports 10G / 25G / 40G Network Modules) |
| Maximum Network Interfaces          | Up to 24 total Ports (8x 1G, 8x 25G SFP28, 8x NM SFP28/40G)       |
| Management & Console Ports          | 1 x 1/10G SFP Management, 1 x RJ-45 Serial Console, 1 x USB 3.0   |
| Internal System Storage             | 1x 900 GB NVMe SSD + 1x Spare Storage Slot                        |
| Form Factor & Mounting              | 1RU Standard Rack-Mount (4-Post Rack Rail Kit Included)           |

## PHYSICAL, POWER & ENVIRONMENTAL SPECS

| Parameter                        | Specification                                                      |
|----------------------------------|--------------------------------------------------------------------|
| Dimensions (H x W x D)           | 1.75 x 17.0 x 20.0 in (4.4 x 43.3 x 50.8 cm) – 1RU                 |
| System Weight                    | 11.4 kg (25.0 lbs) with Dual PSUs and Fan Modules                  |
| Power Supply Units               | <b>Dual 400W AC standard</b> (1+1 Redundant Hot-Swappable AC/DC)   |
| Power Efficiency & Input Voltage | 100V to 240V AC (>89% efficiency at 50% load); <6A at 100V         |
| Cooling Modules                  | 2 x Hot-Swappable Fan Modules (2 fans each; Front-to-Rear Airflow) |
| Acoustic Noise Level             | 65 dBA @ 25°C (74 dBA max performance)                             |
| Operating Temperature            | 0°C to 40°C (32°F to 104°F) / NEBS Certified                       |

## MANAGEMENT & SMART LICENSING

### MANAGEMENT PLATFORMS

- **FMC:** Firewall Management Center (On-Premises)
- **CDO:** Cisco Defense Orchestrator (Cloud Unified GUI)
- **CSM:** Cisco Security Manager (For ASA deployments)

### SMART LICENSE SUBSCRIPTIONS

- **Threat (T):** Snort 3 NGIPS & Application Control
- **URL Filtering (URL):** Category & Web Intelligence
- **AMP for Networks:** Cisco Secure Malware Analytics