

Sinefa Hardware Specifications

Powered by real-time network traffic intelligence, Sinefa provides enterprise-wide insights to help organizations drive their digital experience and accelerate their transformation efforts.

Sinefa's cloud-native architecture enables pervasive traffic visibility of hybrid networks and clouds – legacy WANs, branch/edge, software defined, NFV, cloud and multi-tenanted environments.

Simple to use and quick to deploy, Sinefa collects enterprise-wide data to provide real-time traffic insights and allow comparison with industry benchmarks which provide unprecedented customer facing visibility.

Instant insights. Real-time.

- Sinefa utilizes cloud-native software or hardware probes to **inspect traffic "off the wire" at one-second resolution.**
- Sinefa probes collect network packets and **perform Layer 7 inspection** to classify applications and create metadata for analysis which is stored in Sinefa's cloud app.
- Sinefa's low footprint uses no more than **0.4%** of the network link being inspected.

Rapid deployment, zero-config.

- Designed for zero config deployment, Sinefa **enables simple and rapid installation at scale** keeping activation time and costs at their lowest.
- Immediate insights are delivered through the extreme automation of the product and an **intuitive UI that requires no training.**
- **Plug it in and go.** No changes to routing or firewall. Sinefa collects packets off the wire and monitors all traffic in every part of the network.

Over-the-top for 100% coverage.

- Sinefa's cloud-native software probes and traffic intelligence service **enables pervasive traffic visibility** across all network topology (physical, software-defined, NFV or cloud) and transport (MPLS, IPSEC, dedicated internet, broadband, LTE, etc.) types.
- Probes deployed on the edge, in the data centre or in the cloud provide real-time network traffic intelligence when placed in the line of traffic or on the sidelines via a span port.
- Sinefa's over-the-top, pervasive visibility solution **provides 100% coverage to suit any IP network.**

Cloud-native architecture.

- Sinefa's cloud-native architecture delivers **simplicity, pervasiveness, scalability, multi-tenancy, mobility and speed** to the customer experience of network and application visibility.
- Frequent software updates, mobile app and web UI management are at the heart of how Sinefa's cloud-native architecture **enhances customer experience.**
- Sinefa offers visibility solutions for **uCPE, NFV, containers and micro-services.**

Application benchmarks.

- Benchmark the **performance and health** of applications to industry and geographic performance indexes.

SF150, SF801, SF950 Hardware Probe Specifications

Specifications	SF150	SF801	SF950
Max. Bandwidth	100 Mbps	1 Gbps	10 Gbps
Packets Per Second	40,000	300,000	14,000,000
Flows	400,000	1,000,000	2,000,000
In-Line Deployment	YES	YES	YES
SPAN support	YES	YES	YES
Layer 7 DPI visibility	YES	YES	YES
Physical characteristics	SF150	SF801	SF950
Ethernet Ports	3	6	1 for Management. Up to 8 for Fiber/Copper.
Ethernet Bypass Pairs (2 ports each)	1	3	Up to 4
Ethernet NIC speeds	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000/10000 Mbps
Serial Console	YES	YES	YES
Secure Shell (SSH) Console	YES	YES	YES
Rack Mountable	NO	YES	YES
Dimensions (WxHxD)	232 x 43 x 152 mm	431 x 44 x 305 mm	438 x 44 x 580 mm
Weight	2.5 kg	4 kg	16 kg
Power	12V 5A 60W Power Adapter AC 100~240V @ 50~60 Hz	50W ATX Power Supply AC 100~240 V @50~60 Hz	1+1 ATX 300W RPS AC 90~264 V @47~63Hz
Approvals and Compliance	CE emission, FCC Class A, RoHS	CE Class A, FCC Class A, UL, RoHS	CE Class A, FCC Class A, RoHS
EAN Code	0735850022505	0735850022512	0735850022529

Hosted Application Specifications

- Subscription services are rated on throughput
- 100Mbps Probe subscription may be used in network environments with maximum throughput of up to 100Mbps
- 1Gbps Probe subscription may be used in network environments with maximum throughput of up to 1Gbps
- 10Gbps Probe subscription may be used in network environments with maximum throughput of up to 10Gbps

This article is referenced from the Sinefa EULA (www.sinefa.com/eula).