

# InfiniStreamNG 9800 Appliance

## HIGHLIGHTS

- Provides storage capacity of 96 TB per appliance, with extended storage capacity up to 288 TB with two 96 TB ESUs
- Hardware and software appliance options
- Supports nGeniusONE® Service Assurance platform and NETSCOUT® Security Analytics applications

## InfiniStreamNG Overview

The InfiniStreamNG™ appliance (ISNG) with NETSCOUT's patented Adaptive Service Intelligence™ (ASI) technology efficiently converts packet data in real time into “smart data” required for contextual views into today's complex networks, applications, and business services.

ISNG hardware and software appliances provide the continuous views into physical, virtual, and hybrid technologies required to improve performance of the applications and networks supporting businesses and their end-users. In addition, ISNG technology allows business and government information technology (IT) teams to consolidate multiple specialized analytics tools and feed NETSCOUT smart data to a wide range of analytics stacks for insights into service assurance, application performance management, cybersecurity, and business intelligence.

NETSCOUT offers multiple ISNG models to support the different processing and storage needs of enterprise, commercial, and government environments, including deployment in data center, network edge, and remote office environments.

## InfiniStreamNG 9800 Overview

ISNG 9800 appliances are ideal for 10, 40, and 100 Gigabit environments that require vast storage for long-term forensic analysis. With an impressive storage capacity that begins at 96 TB, ISNG 9800 appliances can be extended all the way to 288 TB per appliance using up to two 96 TB extended storage units (ESUs).

## Deployment

Strategically deployed throughout the network, ISNG 9800 appliances provide superior processing power, packet capture, and data storage appropriate for high-volume traffic found in the core of large enterprises and data centers. ISNG 9800 appliances present real-time views of end-to-end call trace data and network-wide KPI visibility to protect the reliability and availability of networks and services. In addition, ISNG 9800 appliances can be deployed alongside other NETSCOUT ASI-based data sources to expand end-to-end visibility to better factor cloud and virtualized environments.



<b>9895</b>		96 TB up to 288 TB, 4-Port 10 GbE SFP+
<b>9807</b>		96 TB up to 288 TB, 2-Port 40 GbE QSFP+
<b>9802</b>		96 TB up to 288 TB, 2-Port 100 GbE CFP4
<b>ESU</b>		96 TB, Extended Storage Unit

## SPECIFICATIONS

### InfiniStreamNG 9800 Hardware Appliance Option

<b>Packet Capture Ports</b>	4-port 10 GbE SFP+ 2 port 40 GbE QSFP+ 2 port 100 GbE CFP4
<b>Management Port</b>	Four onboard Fast/Gigabit/10 Gigabit Ethernet LAN ports (eth0 used for management) One dedicated 1-Gigabit IPMI port for remote management
<b>Storage</b>	96 TB up to 288 TB with ESU (RAID 6)
<b>Embedded OS</b>	Solid-State Drive (SSD) dedicated to Linux® OS
<b>Rack Unit</b>	3 Rack Unit (3 RU)
<b>Dimensions</b>	5.2 in (132 mm) Height 17.2 in (437 mm) Width 25.5 in (648 mm) Depth
<b>Weight</b>	82 lbs (37.19 kg)
<b>Mounts</b>	Rack mount side rails included
<b>Power Rating (AC)</b>	1+1 hot-swappable, redundant, 1000W, auto-ranging 100-240VAC 100VAC, 50-60Hz, 12A 240VAC, 50-60Hz, 4A
<b>Maximum Consumption (AC)</b>	7.2A, 736W
<b>Heat Dissipation (AC)</b>	2511 BTU/hr
<b>Power Rating (DC)</b>	-48VDC/1000W 24A (x2) 1+1 hot-swappable
<b>Maximum Consumption (DC)</b>	18A, 851W
<b>Heat Dissipation (DC)</b>	2904 BTU/hr
<b>Vibration</b>	0.75G at 5-200 Hz
<b>Operating Temperature</b>	50° to 95°F (10° to 35°C)
<b>Operating Humidity</b>	8% - 90% (non-condensing)
<b>Altitude</b>	-45 to 9,500 ft (-13.7m to 2,896 m)
<b>Mechanical Shock</b>	1 shock pulse up to 40G for up to 2ms
<b>Regulatory Approvals</b>	Regulatory Model Number: V4, FCC Part 15 Class A, CE Mark (EN 55022 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3), VCCI (Japan) Class A, RRA (Korea) KC Cert #: KCC-REM-NSZ-V4 UL 60950-1, CAN/CSA C22.2 No. 60950, IEC 60950-1, EN 60950-1, CB Report, UL-GS (DEMKO)

### InfiniStreamNG 9800 Software Appliance Option

The ISNG 9800 software appliance provides an option for deploying a customer-provided hardware platform certified to support NETSCOUT ISNG software. With this approach, the NETSCOUT-certified software kit (comprised of ISNG ASI software and an ASI Accelerator NIC) is purchased from NETSCOUT, and a hardware appliance is purchased from NETSCOUT Contract Manufacturing. This certified ISNG 9800 software appliance approach offers 100% performance parity with the ISNG 9800 hardware appliance.

## SPECIFICATIONS

### ESU (Extended Storage Unit)

<b>Storage</b>	96 TB (RAID 6)
<b>Rack Unit</b>	3 Rack Unit (3RU)
<b>Dimensions</b>	5.2 in (132 mm) Height 17.2 in (437 mm) Width 25.5 in (648 mm) Depth
<b>Weight</b>	70.35 lbs (31.91 kg)
<b>Mounts</b>	Rack mount side rails included
<b>Power Rating (AC)</b>	Hot-swappable, redundant, 900W, auto-ranging 100VAC, 50-60Hz, 12Amp 240VAC, 50-60Hz, 4Amp
<b>Maximum Consumption (AC)</b>	2A, 235W
<b>Heat Dissipation (AC)</b>	802 BTU/Hr
<b>Power Rating (DC)</b>	-48VDC/850W, 24A (x2) hot-swappable, redundant
<b>Maximum Consumption (DC)</b>	5A, 240W
<b>Heat Dissipation (DC)</b>	819 BTU/Hr
<b>Vibration</b>	0.75G at 5-200 Hz
<b>Operating Temperature</b>	50° to 95°F (10° to 35°C)
<b>Operating Humidity</b>	8% - 90% (non-condensing)
<b>Altitude</b>	-45 to 9,500 ft (-13.7m to 2,896 m)
<b>Mechanical Shock</b>	1 shock pulse up to 40G for up to 2ms
<b>Regulatory Approvals</b>	Regulatory Model Number: V3JBD, FCC Part 15 Class A, CE Mark (EN 55022 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3), VCCI (Japan) Class A, RRA (Korea) KC Cert #: KCC- REM-NSZ-V3JBD UL 60950-1, CAN/CSA C22.2 No. 60950, IEC 60950-1, EN 60950-1, CB Report, UL-GS (DEMKO)

### nGeniusONE Platform

nGeniusONE is a real-time information platform that provides a single pane of glass to view the data, voice, and video service delivery performance to manage both the availability and quality of the user's experience.

Available on both hardware and virtual platforms, nGeniusONE leverages NETSCOUT smart data as a universal source for providing smarter analytics for end-to-end visibility throughout private, virtualized, public, and hybrid cloud environments.

### ASI Technology



ASI technology transforms packet data into smart data, providing real-time visibility into user experience and offering the most advanced and adaptable information platform for ensuring security, managing risk, and driving service performance.

All ASI-based monitoring platforms are integrated with the nGeniusONE Service Assurance platform to provide a common set of metadata analytics.

### LEARN MORE

For more information about ISNG appliance options please visit:

<https://www.netscout.com/product/isng-platform>

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