

InfiniStreamNG 9800 Appliances

HIGHLIGHTS

- Provides storage capacity of 96TB per appliance
- Extend storage capacity up to 288TB with 2-96TB ESUs
- Supports NETSCOUT's suite of Service Assurance applications

InfiniStreamNG Platform Overview

The InfiniStreamNG™ platform represents the next evolution of NETSCOUT's high capacity and flexible appliances that leverage Adaptive Service Intelligence™ (ASI) technology to perform deep packet capture and analysis of services, service enablers and network performance. Offering unsurpassed scalability, InfiniStreamNG probes are integrated with the nGeniusONE® Service Assurance platform to provide a common set of packet-flow-based metadata for use in troubleshooting, service and application performance, detailed key performance indicators, as well as real-time and historical forensic analysis. NETSCOUT® offers multiple InfiniStreamNG models (appliance, COTS-based software and virtual appliances) to support the different processing and storage needs of enterprise and service provider environments including business services, mobile, fixed-line voice, residential triple-play, satellite and cable/MSO networks.

InfiniStreamNG 9800 Overview

InfiniStreamNG 9800 appliances are ideal for high capacity 10 Gigabit, 40 Gigabit and 100 Gigabit monitoring in data centers, high-volume aggregation links and service provider environments that require vast storage for long-term, historical forensic analysis. With an impressive storage capacity that begins at 96TB, InfiniStreamNG 9800 probes can be extended all the way to 288TB per appliance using up to 2-96TB Extended Storage Units (ESU).

Deployment

Strategically deployed throughout the network, InfiniStreamNG 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. InfiniStreamNG 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.



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

SPECIFICATIONS

InfiniStreamNG 9800 Appliances

Packet Capture Ports	4 port 10 GbE SFP+ 2 port 40 GbE QSFP+ 2 port 100 GbE CFP4
Management Port	Four onboard Fast/Gigabit/10 Gigabit Ethernet LAN ports (eth0 used for management) One dedicated 1-Gigabit IPMI port for remote management
Storage	96TB up to 288TB with ESU (RAID 6)
Embedded OS	Solid State Drive (SSD) dedicated to Linux® OS
Rack Unit	3 Rack Unit (3RU)
Dimensions	5.2 in (132 mm) Height 17.2 in (437 mm) Width 25.5 in (648 mm) Depth
Weight	82 lbs (37.19 kg)
Mounts	Rack mount side rails included
Power Rating (AC)	1+1 hot-swappable, redundant, 1000W, auto-ranging 100-240VAC 100VAC, 50-60Hz, 12A 240VAC, 50-60Hz, 4A
Maximum Consumption (AC)	7.2A, 736W
Heat Dissipation (AC)	2511 BTU/hr
Power Rating (DC)	-48VDC/1000W 24A (x2) 1+1 hot-swappable
Maximum Consumption (DC)	18A, 851W
Heat Dissipation (DC)	2904 BTU/hr
Vibration	0.75G at 5-200 Hz
Operating Temperature	50° to 95°F (10° to 35°C)
Operating Humidity	8% - 90% (non-condensing)
Altitude	-45 to 9,500 ft (-13.7m to 2,896 m)
Mechanical Shock	1 shock pulse up to 40G for up to 2ms
Regulatory Approvals	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)

SPECIFICATIONS

ESU (Extended Storage Unit)

Storage	96TB (RAID 6)
Rack Unit	3 Rack Unit (3RU)
Dimensions	5.2 in (132 mm) Height 17.2 in (437 mm) Width 25.5 in (648 mm) Depth
Weight	70.35 lbs (31.91 kg)
Mounts	Rack mount side rails included
Power Rating (AC)	hot-swappable, redundant, 900W, auto-ranging 100VAC, 50-60Hz, 12Amp 240VAC, 50-60Hz, 4Amp
Maximum Consumption (AC)	2A, 235W
Heat Dissipation (AC)	802 BTU/Hr
Power Rating (DC)	-48VDC/850W, 24A (x2) hot-swappable, redundant
Maximum Consumption (DC)	5A, 240W
Heat Dissipation (DC)	819 BTU/Hr
Vibration	0.75G at 5-200 Hz
Operating Temperature	50° to 95°F (10° to 35°C)
Operating Humidity	8% - 90% (non-condensing)
Altitude	-45 to 9,500 ft (-13.7m to 2,896 m)
Mechanical Shock	1 shock pulse up to 40G for up to 2ms
Regulatory Approvals	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

The nGeniusONE Service Assurance platform provides insights into the performance characteristics of data, voice and video service delivery to manage the availability and quality of the user's experience. nGeniusONE helps dramatically shorten the time required to solve network and application performance issues by providing a common set of metadata for service visibility across network elements, applications and devices to address the needs of network and IT operations teams.

ASI Technology



NETSCOUT's patented, ASI technology is a next generation Deep Packet Inspection (DPI) engine that intelligently and efficiently analyzes packet and flow data to provide real-time, contextual analysis of service, network and application performance. ASI provides an unparalleled wealth of information and uses sophisticated algorithms that determine the best way to process, store and retrieve data, guaranteeing that InfiniStreamNG probes make the most efficient use of compute and storage resources.



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