

InfiniStreamNG 4700 Appliance

HIGHLIGHTS

- Provides storage capacity of 24TB per appliance
 - Extend storage capacity up to 88TB with a 64TB ESU
 - Supports NETSCOUT's suite of Service Assurance applications
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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 4700 Overview

The InfiniStreamNG 4700 appliance is ideal for high capacity 1/10 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 24TB, the InfiniStreamNG 4700 probe can be extended all the way to 88TB per appliance with a 64TB Extended Storage Unit (ESU).

Deployment

Strategically deployed throughout the network, InfiniStreamNG 4700 appliances provide superior processing power, packet capture and data storage appropriate for high-volume traffic found in the core of large enterprises, data centers and service provider networks. The InfiniStreamNG 4700 appliance presents 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.



4795 | 24TB up to 88TB, 4 Port 1/10 GbE SFP+
ESU | 64TB Extended Storage Unit

SPECIFICATIONS

InfiniStreamNG 4700 Appliance

Packet Capture Ports	4 Port 1/10 GbE SFP/SFP+
Management Port	2 RJ-45 1/10GBASE-T 1 IPMI 1000BASE-T
Storage	24TB (RAID 5) up to 88TB with ESU (RAID 6)
Embedded OS	Solid State Drive (SSD) dedicated to Linux® OS
Rack Unit	1 Rack Unit (1RU)
Dimensions	1.7 in (43 mm) Height 17.2 in (437 mm) Width 25.6 in (650 mm) Depth
Weight	38 lbs (17.24 kg)
Mounts	Rack mount side rails included
Power Rating (AC)	1+1 hot-swappable, redundant 700W: 100-140 VAC, 50-60 Hz, 8.0-6.0 Amp 750W: 200-240 VAC, 50-60 Hz, 4.5-3.8 Amp
Maximum Consumption (AC)	5.7A, 586W
Heat Dissipation (AC)	1999 BTU/Hr
Power Rating (DC)	1+1 hot-swappable, redundant -48VDC, 650W, 20A (x2)
Maximum Consumption (DC)	12A, 581W
Heat Dissipation (DC)	1982 BTU/Hr
Vibration	0.25G from 5-200Hz for 15 minutes
Operating Temperature	41° to 95°F (5° to 35°C)
Operating Humidity	8% - 90% (non-condensing)
Altitude	-50 to 10,000 ft (-16 to 3,048 m)
Mechanical Shock	1 shock pulse of 20G for up to 2.5ms
Regulatory Approvals	Regulatory Model Number: NV41U, 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, RCM (Australia), RRA (Korea) KC Cert #: KCC-REM-NSZ-NV41U, 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	64TB (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)	1+1 hot-swappable, redundant, auto-ranging, 900W 100-140 VAC, 50-60 Hz 12A at 100 VAC 4A at 240 VAC
Maximum Consumption (AC)	2A, 235W
Heat Dissipation (AC)	802 BTU/Hr
Power Rating (DC)	1+1 hot-swappable, redundant -48VDC, 850W, 24A (x2)
Maximum Consumption (DC)	5A, 240W
Heat Dissipation (DC)	819 BTU/Hr
Vibration	0.75G at 5-200Hz
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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