

NETSCOUT Certified nGeniusONE Server

NETSCOUT Certified nGeniusONE Server for Service Assurance and NETSCOUT Smart Edge Monitoring Solutions

HIGHLIGHTS

- Performance and availability-optimized nGeniusONE® Server configuration
 - nGeniusONE Service Assurance platform support, including cloud-scale user counts and workloads, high-availability options, distributed geographical access
 - Supports deployment in NETSCOUT® Smart Edge Monitoring solution
 - Award-winning NETSCOUT MasterCare Support coverage for software and hardware
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The NETSCOUT Certified nGeniusONE Server provides a software-based approach for deploying the nGeniusONE Service Assurance analytics platform. The high-performance, highly secure NETSCOUT Certified nGeniusONE Server enables rapid deployment of nGeniusONE, which offers advanced performance analytics leveraging NETSCOUT smart data generated by our InfiniStreamNG® (ISNG) software/hardware appliances and vSTREAM® virtual appliances.

NETSCOUT Certified nGeniusONE Server Overview

The NETSCOUT Certified nGeniusONE Server option enables customers to select a software-based approach to deploying the nGeniusONE Server. This nGeniusONE Standalone Server deployment options the full range of nGeniusONE product licensing options (entry level, intermediate, or full licensing).

The NETSCOUT Certified nGeniusONE Server configuration includes:

- Dual 22-core Intel processors
- CentOS Linux Server 7.x 64-bit platform
- 384GB memory
- 128TB Storage RAID 6
- Replaceable and redundant AC or DC power supplies
- Remote Management Module

With this solution, the nGeniusONE Server Software component is unbundled from the underlying nGeniusONE Server. This configuration provides customers the flexibility of a software-based approach with the performance and reliability of traditional nGeniusONE Server hardware appliances.

The NETSCOUT Certified nGeniusONE Server provides support for today's digitally transformed enterprise environments, driving performance for multi-cloud, unified communications, virtual, and Co-lo service environments, capitalizing on the visibility offered by our pervasive data source options.

The nGeniusONE Server Software component is ordered directly from NETSCOUT. With guidance from NETSCOUT, customers independently order nGeniusONE Server appliances from a NETSCOUT Certified Supplier.

Additionally, NETSCOUT provides our award-winning MasterCare annual maintenance for the NETSCOUT Certified nGeniusONE Server software, as well as the NETSCOUT Certified nGeniusONE Server, resulting in single-source system support for enterprise customers. MasterCare for the Certified Server Hardware must be ordered separately from the MasterCare for the software.



NETSCOUT-Certified nGeniusONE Server Specifications

Acquired from NETSCOUT

Software NETSCOUT nGeniusONE application software¹

Acquired from a NETSCOUT-Certified Supplier

Server NETSCOUT Certified nGeniusONE Server appliance
Part Number: H-09800-QSJA2 (AC power),
H-09800-QSJD2 (DC power)

Processor Dual 22-core Intel processors

Memory 12x 32GB DDR4 (384G Total)

Storage 128TB 16x 8TB, RAID 6

Management Port Two onboard/Gigabit/10 Gigabit Ethernet LAN ports (eth0 used for mgmt) One dedicated 1-Gigabit IPMI port for remote management

Rack Unit 3 Rack Unit (3 RU)

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

Environmental Specifications (Appliance)

Power Rating (AC) Hot swappable, redundant
1000W: 100-127V, 15-12A, 50-60Hz
1200W: 200-240V, 8.5A-7A, 50-60Hz

Maximum Consumption (AC) 100V, 9.8A, 1000W

Heat Dissipation (AC) 3554 BTU/Hr

Power Rating (DC) 48VDC, 1010W, 24A (x2), hot-swappable, redundant

Maximum Consumption (DC) 21.7A, 1042W

Heat Dissipation (DC) 3412 BTU/Hr

Vibration 0.75G at 5-200 Hz

Operating Temperature 50° to 95°F (10° to 35°C)

Operating Relative Humidity 8% ~ 90% (non-condensing - Chassis/Motherboard)

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: NV53U, FCC Part 15 Class A, CE Mark (EN55032 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3), VCCI (Japan) Class A, RRA (Korea) KC Cert #: R-R-NSZ-NV53U, CCC Class A (China), EAC (Russia), BIS (India), CM (Morocco), UL- C of C (Mexico), BSMI (Taiwan), LoA (South Africa), UL 60950-1/62368-1, CAN/CSA C22.2 No. 60950/62368-1, IEC 60950-1/62368-1, EN 60950-1/62368-1, CB Report

¹ NETSCOUT nGeniusONE product software licensing options must be purchased separately and directly from NETSCOUT.
² Please refer to the nGeniusONE Service Assurance platform data sheet for software product description and key features.
³ The nGeniusONE platform software may be purchased as a software-only solution supporting v7.x of either CentOS or Red Hat® Enterprise Linux® (English only) and Windows® 2012 x64, Windows 2012 R2 x64, or Windows 2016 x64 – Standard and Enterprise Platforms.

nGeniusONE Service Assurance 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



Adaptive Service Intelligence® (ASI) technology transforms network packet traffic and nPoint synthetic testing

results into smart data, providing real-time visibility into user experience for the most advanced and adaptable information platform to ensure security, manage risk, and drive service performance.

NETSCOUT Smart Edge Monitoring

When deployed as part of the NETSCOUT Smart Edge Monitoring solution, nGeniusONE extends IT's ability to truly visualize real-time end-user experience along the client edge (e.g., work-from-home and remote locations). In taking advantage of the NETSCOUT Edge Adaptor's (available in ISNG and vSTREAM Smart Visibility platforms) use of advanced ASI technology to combine passive, packet-based monitoring and nPoint synthetic testing into user experience in a single data source, NETSCOUT Smart Edge Monitoring provides service edge visibility required to assure business continuity and end-user experience across today's hybrid workforce environments.



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