Netskope One Gateway Hardware Specifications

Hardware Appliance	NSG-101	NSG-500	NSG-1500	NSG-2000	NSG-2108CW	NSG-3000
Physical specifications						
LAN/WAN interfaces	4x 1G RJ45	4x 1G RJ45 1x1G SFP[1]	2x 1G RJ45/SFP[1] 4x 2.5G RJ45 2x 10G SFP[1] +	2x 1G RJ45/SFP[1] 4x 2.5G RJ45 2x 10G SFP[1] +	1x 1G 4x 2.5G RJ45 2x 10G SFP[1] +	6x 1G RJ45 6x 10G SFP[1] +
Wi-Fi	Wi-fi 5 802.11a	Wi-Fi 6 802.11ax	Wi-Fi 6 802.11ax	N/A	Wi-Fi 6 802.11ax	N/A
LTE	Integrated LTE	N/A	N/A	N/A	Integrated 5G w/eSIM	N/A
Console Ports	-	Micro USB	RJ-45 & Mini USB	RJ-45 & Mini USB	RJ-45 & Mini USB	RJ45
External USB	1x USB 3.0	1x USB 3.0	2x USB 3.0	2x USB 3.0	1x USB 3.0 1x USB 2.0	2x USB 3.0
Size (W x D x H) in mm	125 x 125 x 40	179 x 206 x 35	256 x 200 x 44	256 x 200 x 44	219 x 250 x 44	438 x 456 x 44
Mounting	DIN Rail, Desktop, Wall Mount	Desktop	Desktop & Rack Mount	Desktop & Rack Mount	Desktop, Wall & Rack Mount	Rack Mount
Power Input	DC-IN or PoEx1 10-28V (24W)	12V DC (48W) DC jack	12V DC (60W), Single	12V DC (60W), Single	12V DC (85W), Single	100-264V (300W), Redundant
Operating Conditions in degree C	-30-60	0-40	0-40	0-40	0-40	0-40
Ruggedized	I-Temp	No	No	No	No	No
Ingress Protection Rating	IP40	N/A	N/A	N/A	N/A	N/A
MTBF in years	20	70.17	9.92	9.92	20.7	22.5
Performance						
Site-to-Site Throughput (1300-byte AES-128)	50Mbps	500Mbps	1Gbps	2Gbps	5Gbps	10Gbps
Overlay Tunnels	50	200	400	800	800	2500
Endpoint SD-WAN Tunnels	75	150	600	1200	4000	8000

[1] Supported SFPs: GPON, XDSL, Fiber, Copper

Hardware availability varies per country please contact sales for latest information

Performance measured using DPDK where available

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Virtual Appliance	NSGV ESXi[1] (2 CORE)	NSGV ESXi[1] (4 CORE)	NSGV ESXi[2] (8 CORE)	NSG KVM (4 CORE)	NSG KVM (8 CORE)
Memory	4GB	8GB	16GB	8GB	16GB
Storage	32GB	32GB	32GB	32GB	32GB
Performance					
Site-to-Site Throughput (1300-byte AES-128)	1Gbps	3Gbps	5Gbps	1.1Gbps	1.3Gbps
Max Overlay Tunnels	400	800	2400	800	2400
Endpoint SD-WAN Tunnels	600	1200	6000	1200	6000

Cloud Appliance	GCP	AWS	Azure
Instance Details	c3-standard-8 (8 vcpu , 32 GiB)	c5.2xlarge (8 vcpu, 16 GiB)	Standard D8lds v5 (8 vcpu, 16 GiB)
Storage	50GB	50GB	50GB
Performance			
Site-to-Site Throughput (1300-byte AES-128)	2Gbps	2Gbps	5Gbps
Max Overlay Tunnels	2400	2400	2400
Endpoint SD-WAN Tunnels	6000	6000	6000

Performance measured using DPDK where available

[1] Performance is based on Intel(R) Xeon(R) Platinum 8358 CPU @ 2.60GHz, VMXNET3

[2] Performance is based on Intel(R) Xeon(R) Gold 6330 CPU @ 2.00GHz, VMXNET3

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Interested in learning more? Request a demo