

# Netskope One Gateway Hardware Specifications

Spec Sheet



## Hardware Small and Medium Appliance Table

Hardware Appliance	NSG-101	NSG-200W	NSG-200CW	NSG-500	NSG-1500	NSG-2104W
Physical specifications						
LAN/WAN interfaces	4x 1G RJ45	4x 1G RJ45	4x 1G RJ45	4x 1G RJ45 1x 1G SFP <sup>1</sup>	2x 1G RJ45/SFP <sup>1</sup> 4x 2.5G RJ45 2x 10G SFP <sup>1+</sup>	1x 1G RJ45 4x 2.5G RJ45/PoE <sup>2</sup>
Wi-Fi	Wi-fi 5 802.11a	Wi-Fi 6 802.11ax	Wi-Fi 6 802.11ax	Wi-Fi 6 802.11ax	Wi-Fi 6 802.11ax	Wi-Fi 6 802.11ax
LTE	Integrated LTE	N/A	Integrated 5G w/ eSIM & USB	N/A	N/A	N/A
Console Ports	-	-	-	Micro USB	RJ-45 & Mini USB	RJ-45 & Mini USB
External USB	1x USB 3.0	1x USB 3.0	1x USB 3.0	1x USB 3.0	2x USB 3.0	1x USB 3.0 1x USB 2.0
Size (W x D x H) in mm	125 x 125 x 40	160x160x35	160x160x35	179 x 206 x 35	256 x 200 x 44	219 x 250 x 44
Mounting	DIN rail,Desktop, Wall mount	Desktop, Wall mount	Desktop, Wall mount	Desktop	Desktop, Wall & Rack mount	Desktop, Wall & Rack mount
Power Input	DC-IN or PoEx1 10-28V (24W)	12V DC jack	12V DC jack	12V@4A (48W) DC jack	12V DC (60W), Single	12V DC (85W), Single
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	63.73	29.89	70.17	9.92	20.7
Performance						
Site-to-Site Throughput (1300-byte AES-128)	50Mbps	250Mbps	250Mbps	500Mbps	1Gbps	2Gbps
Overlay Tunnels	50	100	100	200	400	800
Endpoint SD-WAN Tunnels	75	100	100	150	600	4000

<sup>1</sup> Supported SFPs: Fiber, Copper

<sup>2</sup> PoE+ optional configuration. Contact sales for availability

Hardware availability varies per country please contact sales for latest information

Performance measurement done with DPDK when available

## Hardware Large Branch and Datacenter Appliance Table

Hardware Appliance	NSG-2000	NSG-2108CW	NSG-3000	NSG-4000
Physical specifications				
LAN/WAN interfaces	2× 1G RJ45/SFP <sup>1</sup> 4× 2.5G RJ45 2× 10G SFP <sup>1+</sup>	1× 1G RJ45 4× 2.5G RJ45/PoE <sup>2</sup> 2× 10G SFP <sup>1+</sup>	6 or 8 × 1G RJ45/PoE <sup>2</sup> 6× 10G SFP <sup>1+</sup>	2× 1G RJ45 8× 10G SFP <sup>1+</sup>
Wi-Fi	N/A	Wi-Fi 6 802.11ax	N/A	-
LTE	N/A	Integrated 5G w/eSIM	N/A	-
Console Ports	RJ-45 & Mini USB	RJ-45 & Mini USB	RJ45	RJ45/USB Type-C
External USB	2x USB 3.0	1x USB 3.0 1x USB 2.0	2x USB 3.0	2x USB 3.0
Size (W x D x H) in mm	256 × 200 × 44	219 × 250 × 44	438 × 456 × 44	438×550×44
Mounting	Desktop, Wall & Rack mount	Desktop, Wall & Rack mount	Rack mount	Rack mount
Power Input	12V DC (60W), Single	12V DC (85W), Single	100-264V (300W), Redundant	90–240V (1200W), Redundant
Operating Conditions in degree C	0-40	0-40	0-40	0-40
Ruggedized	No	No	No	No
Ingress Protection Rating	N/A	N/A	N/A	N/A
MTBF in years	9.92	20.7	22.5	20.81
Performance				
Site-to-Site Throughput (1300-byte AES-128)	2Gbps	5Gbps	10Gbps	20Gbps
Overlay Tunnels	800	800	2500	6000
Endpoint SD-WAN Tunnels	4000	4000	8000	16000

<sup>1</sup> Supported SFPs: Fiber, Copper

<sup>2</sup> PoE+ optional configuration. Contact sales for availability

Hardware availability varies per country please contact sales for latest information

Performance measurement done with DPDK when available

## Virtual Appliance Table & Cloud Appliance

Virtual Appliance	NSGV ESXi <sup>1</sup> (2 CORE)	NSGV ESXi <sup>1</sup> (4 CORE)	NSGV ESXi <sup>2</sup> (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)	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	Standard D8lds v5 - 8 vcpu, 16 GiB	c5.2xlarge - 8 vcpu, 16 GiB	c3-standard-8 (8 vcpu, 32 GiB)
Storage	50GB	50GB	50GB
Performance			
Site-to-Site Throughput (1300-byte)	2Gbps	2Gbps	5Gbps
Max Overlay Tunnels	2400	2400	2400
Endpoint SD-WAN Tunnels	6000	6000	6000

Performance measured using DDPK where available

<sup>1</sup> Performance is based on Intel(R) Xeon(R) Platinum 8358 CPU @ 2.60GHz, VMXNET3

<sup>2</sup> Performance is based on Intel(R) Xeon(R) Gold 6330 CPU @ 2.00GHz, VMXNET3



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