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Clavister NetWall Hardware Appliances

	Netwall 100 Series		Netwall 300 Series	
Performance and Capacity	110 Series	140 Series	310 Series	340 Series
Firewall Performance (plaintext throughput)	1 Gbps	4 Gbps	4 Gbps	8 Gbps
Maximum Concurrent Connections	128,000	256,000	500,000	1.000,000
IPsec VPN Performance (large packets)	100 Mbps	250 Mbps	1 Gbps	2 Gbps
Maximum Concurrent IPsec VPN Tunnels (IPsec, L2TP, SSL)	50	100	500	1000
Ethernet Interfaces	4 x 1GbE (RJ45)		6 x 1GbE (RJ45), 2 x 1GBE (SFP)	
Expansion Slot	No		No	

	Netwall 500 Series	
Performance and Capacity	510 Series	550 Series
Firewall Performance (plaintext throughput)	8 Gbps	14 Gbps
Maximum Concurrent Connections	500,000	1,000,000
IPsec VPN Performance (large packets)	2 Gbps	4 Gbps
Maximum Concurrent IPsec VPN Tunnels (IPsec, L2TP, SSL)	500	1,000
Ethernet Interfaces	6 x 1GbE (RJ45), 2 x 10GBE (SFP+)	
Expansion Slot	No	

	Netwall 6000 Series	
Performance and Capacity	6200 Series	6600 Series
Firewall Performance (plaintext throughput)	20 Gbps	50 Gbps
Maximum Concurrent Connections	1,000,000	2,500,000
IPsec VPN Performance (large packets)	1/5 Gbps	1/15 Gbps
Maximum Concurrent IPsec VPN Tunnels (IPsec, L2TP, SSL)	2,500	5,000
Ethernet Interfaces	8 x 1GbE (RJ45), 2x 10 GbE (SFP+)	
Expansion Slot	Two (2) slots, supports: 8 x 1GbE (RJ45), 8 x 1GbE (POE) (RJ45) , 8 x 1GbE (SFP), 4 x 10GbE (SFP+), 4 x 10GbE (SFP+) + IPsec, 2 x 40GbE (QSFP)	

Performance based on latest Clavister cOS Core release. Specifications are subject to change without notice.

Clavister NetWall Hardware Modules & Transceivers

Modules	NET-84	NET-85	POE-86	NET143	SEC-144	NET-420
Ethernet Interfaces	8 x 1GbE (RJ45)	8 x 1GbE (SFP)	8 x 1GbE (RJ45)	4 x 10GbE (SFP+)	8 x 1GbE (SFP)	2 x 40GbE (QSFP)

SFP/SFP+ Transceivers	SFP-1G-TX	SFP-10G-SR	SFP-1G-LX10	SFP-1G-LX40	SFP-1G-LX80
	1000BASE-T, RJ45	10GBASE-SR/SW, 300m, 850nm, multi-mode	1000BASE-LX, 10 km, 1310nm, single-mode	1000BASE-LX, 40 km, 1550nm, single-mode	1000BASE-LX, 80 km, 1550nm, single-mode

Clavister NetWall Virtual Appliances

Clavister Netwall Virtual Appliances	NW-100V	NW-500V	NW-1000V	NW-2000V	NW-4000V	NW-6000V
Firewall Performance (plaintext throughput)*	100 Mbps	500 Mbps	1 Gbps	2 Gbps	4 Gbps	6 Gbps
IPsec VPN Performance (large packets)	100 Mbps	500 Mbps	1 Gbps	2 Gbps	4 Gbps	6 Gpbs
Maximum Concurrent Connections	8,000	16,000	64,000	128,000	256,000	512,000
Maximum Concurrent IPsec VPN Tunnels	50	250	500	500	1,000	1,500
Maximum Number of Users	Unrestricted					
Virtual Interfaces (IEEE 802.1q/802.1ad)	128					
Ethernet Interfaces	Up to 10					
Virtual Routers	25	25	50	50	100	100
High Availability Support	Yes					
Minimum Recommended RAM	512 MB	512 MB	512 MB	1 GB	2 GB	4 GB
Recommended Available Storage	1 GB					
Number of vCPUs**	1					
Clavister OS	Clavister cOS Core					
Intel AES-NI Crypto Acceleration	Yes					
Intel DPDK and SR-IOV Support	Yes					
Supported Hypervisors	VMware vSphere, KVM (ARM & Intel), Microsoft Hyper-V					

* Actual performance depends on host/server-hardware, hypervisor and similar.
** Virtual Interfaces are not supported by Microsoft Hyper-V

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