







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
IPsecVPN Performance (large packets)	100 Mbps	250 Mbps	1 Gbps	2 Gbps
Maximum Concurrent IPsecVPNTunnels (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
IPsecVPN Performance (large packets)	2 Gbps	4 Gbps
Maximum Concurrent IPsecVPNTunnels (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
IPsecVPN Performance (large packets)	1/5 Gbps	1/15 Gbps
Maximum Concurrent IPsecVPNTunnels (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 Gbps
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 (IEEE802.1q/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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