

Clavister X8

Rugged and durable next-generation firewall, with outstanding performance and scalability

The Clavister X8 is targeted for installations where standard security products cannot function reliably. With its industrial, rugged design, the durable Clavister X8 can withstand harsh, industrial environments and deliver outstanding solid performance, offering unified security management between office environment and industry environment. The Clavister X8 is perfect for tough environments, such as remote industrial locations and other demanding environments where high-end security is required.

Key Features

■ **Fast, powerful firewall**

The Clavister X8 offers the same powerful firewall features found in all Clavister products, including IPsec/SSL VPN tunnels, Application Control, advanced routing and firewall performance up to 2 Gbps.

■ **Choose your preferred subscription model**

Choose a subscription with everything included or one with just upgrades, 24/7 support, centralized management and hardware replacement. And it is available from 12 months to 60 months.

■ **Industry standards**

Clavister X8 supports industry standard connectivity, such as DIN rail mounts, making it easy to fit in industrial environments.

Key Benefits

■ **Perfect for demanding applications**

Clavister X8 is well suited for tough work, whether it is securing industrial environments or protecting remote power stations.

■ **Unified Security Management**

Manage your industrial network security the same way you manage your office network security. Clavister X8 can be managed using Clavister InControl, our centralized management system, together with your other Clavister products.



Features at-a-Glance

- Cost-effective next-generation firewall for harsh environments, housed in an industrial rugged design form-factor (DIN mount included)
- Next-generation firewall services, including Clavister True Application Control, Clavister Content Security Services and User Identity Awareness
- Powerful stateful firewall with deep-packet inspection gives you a high level of security
- Flexible, dynamic routing and connectivity with support for link aggregation
- Built-in support for both IPsec and SSL VPN offers easy to use remote connectivity
- Security management is always included: centralized security management, Web-based management and command-line interface (CLI) are all included with Clavister Subscriptions
- High-end network infrastructure, such as traffic management, High Availability (HA), server load balancing and WAN load balancing, are all included with Clavister Subscriptions
- The perfect for industrial environments, offshore installations and other demanding environments

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Performance and Capacity	Clavister X8	Clavister X8 Pro
Firewall Performance (plaintext throughput)	1 Gbps	2 Gbps
IPsec VPN Performance (large packets)	70 Mbps	140 Mbps
Maximum Concurrent Connections	100,000	200,000
Maximum Concurrent IPsec VPN Tunnels	100	250
Maximum Concurrent L2TP/PPTP/SSL VPN Tunnels	100	250
Maximum Number of Users	Unrestricted	Unrestricted
Maximum Number of Routing Tables (Virtual Routers)	5	10
Connectivity	Clavister X8	Clavister X8 Pro
Ethernet Interfaces	4 x 1GbE (RJ45)	4 x 1GbE (RJ45)
Interfaces for Management / High Availability (HA)	Configurable	Configurable
Configurable Internal / External / DMZ Ports	Yes	Yes
Local Console Port	Serial Console - DB9	Serial Console - DB9
Link Aggregation IEEE 802.1AX-2008 (Static/LACP)	Yes	Yes
Maximum Number of VLAN Interfaces (802.1q)	128	256
Product Specific Specification	Industrial DIN-mount	
Form Factor	Industrial DIN-mount	
Dimensions (height x width x depth)	170 mm x 60 mm x 126 mm (6.69 in x 2.36 in x 4.96 in) without DIN-mount 170 mm x 60 mm x 147 mm (6.69 in x 2.36 in x 5.79 in) with DIN-mount	
Rack Mountable	No	
Hardware Weight / Package Weight	1,2 kg (2.65 lb.) / 1,8 kg (3.97 lb.)	
Power Specifications	100-240VAC, 50-60 Hz	
Power Supply (AC)	100-240VAC, 50-60 Hz	
Average Power Consumption	21 W / 78 BTU	
Redundant Power Supply	No	
PSU Rated Power (W)	60 W	
Appliance Input	+12V DC (5A) to +36V DC (1.5A)	
Environmental	Passive cooling, no moving parts	
Cooling	Passive cooling, no moving parts	
Humidity	5% to 95% non condensing	
Operational Temperature	-20° to 55° C (-4° to 131° F)	
Vibration / Shock	0.41 Grms2 (3-500 Hz) / 30 G	
Warranty	All Clavister Lynx Series products include a two (2) years standard RMA warranty.	

True Flexibility

Clavister offers you the flexibility to upgrade to the more powerful Clavister X8 Pro without having to invest in new hardware. Just simply order the upgrade to Clavister X8 Pro model and install the new license file. It is as simple as that.

Uptime Technologies

Features like High Availability (HA) is fully supported, as well as Fast Route Failover technologies and link aggregation, ensuring your business is not affected by network downtime. It also support flood protection technologies to increase uptime in case your network is subjected to a Denial-of-Service (DoS) attack.

Powerful Firewall

The Clavister X8 is a next-generation firewall, but it also has all the traditional security features, such as stateful firewall with deep-packet inspection, and it is powered by our own in-house developed network security operating system, the Clavister cOS Core. This means higher level of security, higher traffic throughput and minimal use of system resources.

Performance

Clavister X8 provides next-generation security services across all points of your network without sacrificing performance throughput. Purpose-built hardware running on our highly efficient network security operating system ensures that the firewall performance throughput is one of the highest in the industry, making sure that your Clavister firewall will not be a bottleneck in your network infrastructure.

More Information

For more information about where to buy Clavister products, visit www.clavister.com/partners. Additional resources and customer testimonials can be found at www.clavister.com/resources.



CLAVISTER

Clavister AB, Sjöгатan 6 J, SE-891 60 Örnsköldsvik, Sweden
Phone: +46 (0)660 29 92 00 | www.clavister.com

RESOURCES

For more information about **Clavister X8**, please visit www.clavister.com/products/lynx-series/x8.