Clavister PolarBear Series

P8

Clavister PolarBear Series – highest performance and scalability, smallest footprint

The Clavister PolarBear Series is a set of network security products designed for telecom operators and large-scale data centers requiring high performance, excellent scalability and robust functionality. The Clavister P8 is an extreme powerful firewall solution with a wide range of options to meet the toughest performance targets for telecom operators and large-scale data centers. Based on µTCA (MicroTCA) platform, it delivers up to 80 Gbps in its base configuration, with capacity up to 240 Gbps in a single 1U 19" rack mount. This makes the Clavister P8 the perfect solution for telecom operations and large-scale data centers where performance demands are ever increasing.

Key Features

Massive firewall performance

- With up to 240 Gbps firewall performance, the Clavister P8 delivers a massive amount of processing in a highly cost-effective package.

Comprehensive connectivity

- The Clavister P8 base configuration offers eight 10GbE (SFP+) ports, and each Clavister P8 Blades carries a further four 10GbE (SFP+) ports for a total of 24 10GbE (SFP+) ports.

Powerful and modular

- The Clavister P8 supports up to four Clavister P8 AMC Modules. Each Clavister P8 AMC Module delivers 40 Gbps. This enables you to tailor the capacity and expand your solution when required.

Key Benefits

Modular, extensible and powerful

- The modular design of the Clavister P8 enables you to incrementally add capacity to your solution. This makes it easier to balance investment with growing business, and ultimately, better return on investment.

Reliable, world-class design

- The Clavister P8 is based on a µTCA (MicroTCA) design, which ensure its reliability and durability, with redundant power supply units, fans and hot-swappable blades. All this packaged in a 1U 19" rack mount with a world-class design.

Clavister PolarBear Series Specifications

Performance

	Clavister P8	Clavister P8 AMC Module
Firewall Performance (Gbps)	80	40
VPN Performance (Gbps)	40	10
Concurrent Connections	20 000 000	10 000 000
Concurrent VPN Tunnels (IPsec)	200 000	50 000
Ethernet Interfaces	8 x 10GbE (SFP+)	4 x 10GbE (SFP+)
Management/High Availability (HA) Ports	2 x 10GbE (SFP+), 2 x 1GbE (RJ45)	n/a
Virtual Interfaces (VLAN 802.1q)	2 048	1 024
Virtual Routers	500	250
Clavister cOS	Clavister cOS Stream	Clavister cOS Stream

Hardware

Form Factor	1U 19" rack mount	AMC Module
Warranty	All Clavister PolarBear Series products include a two (2) years standard RMA warranty.	

Specifications subject to change without further notice.

CID: clavister-dts-clavister-p8 (2012/04)

About Clavister
Founded in 1997, Clavister is a leading mobile and network security provider. Our award winning solutions are based on simplicity, good design, and extreme performance to ensure that large enterprises, cloud service providers and telecoms operators are guaranteed the highest levels of protection against the threats of today and tomorrow. Our products are designed from the inside out – beautiful Scandinavian design – as we believe that security solutions need not be ugly. We also hold a world record for the fastest firewall throughput. To learn more, visit www.clavister.com the threats of today and tomorrow. To learn more, visit www.clavister.com.

Buy
www.clavister.com/buy

Contact
www.clavister.com/contact

CLAVISTER®

We are Network Security

Clavister AB, Sjögatan 6 J, SE-891 60 Örnsköldsvik, Sweden
Phone: +46 (0)660 29 92 00 | Fax: +46 (0)660 122 50 | Web: www.clavister.com