



P9 Blade

Clavister PolarBear Series – robust ATCA design, uncompromising performance

The Clavister P9 Blades together with the Clavister P9 Chassis offers the highest level of redundancy, scalability and performance possible. With capacity up to 1,120 Gbps, the AdvancedTCA-based chassis are capable of delivery the required processing power that telecom operators and large-scale data centers require.

The Clavister P9 Blades offers uncompromising power and performance. And you can keep adding as many Clavister P9 Blades as you can fit in a single Clavister P9 Chassis. Up to 14 blades in one Clavister P9 6016 Chassis.

Key Features

Application Control

- Clavister P9 Blade* offers support for Application Control, with over 1,000 applications, all as easily managed as any other Clavister rules.

Massive firewall performance

- Fully stacked, the Clavister P9 6016 Chassis support up to 1,120 Gbps firewall performance, utilizing 14 Clavister P9 Blade Pro, delivering a massive amount of processing required by the telecom industry and data centers.

Comprehensive connectivity

- The Clavister P9 Blade offers four 10GbE (SFP+) ports on the front panel and twelve 10GbE (SFP+) in the RTM module, for data plane connectivity. A full chassis can be equipped with a total of 140 ports. Enough for most applications.

Key Benefits

Powerful processing blades

- Each Clavister P9 Blade is optimized to deliver ultimate performance together with the Clavister P9 Chassis. The same blade is interchangeable between the different chassis, enabling you to carry your Clavister P9 Blade over to bigger chassis when you require more performance.

Robust and reliable

- The Clavister P9 Blades are designed for the AdvancedTCA-based Clavister P9 Chassis, and together they form a highly redundant solution achieving five-nines (99,999%) or even six-nines (99,9999%) availability.

* Application Control is not supported on Clavister P9 Blade (2012).

Clavister PolarBear Series Specifications

Performance	Clavister P9 Blade	Clavister P9 Blade Pro
Firewall Performance (Gbps)	40	80
VPN Performance (Gbps)	28	56
Concurrent Connections	10,000,000	20,000,000
Concurrent VPN Tunnels (IPsec)	100,000	200,000
Ethernet Interfaces	4 x 10GbE (SFP+) – Front Panel 12 x 10GbE (SFP+) – RTM Module, for data plane connectivity	
Virtual Interfaces (VLAN 802.1q)	1,024	2,048
Virtual Routers	250	500
Required Clavister cOS	Clavister cOS Stream 1.40.01	

Hardware

Form Factor	8U x 6HP x 280mm ATCA blade PICMG 3.0, PICMG 3.1 Option 9 Revision 2.0
Warranty	All Clavister PolarBear Series products include a two (2) years standard RMA warranty.

Specifications subject to change without further notice.

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About Clavister

Clavister is a leading security provider for fixed, mobile and virtual network environments. Its award-winning solutions give enterprises, cloud service providers and telecoms operators the highest levels of protection against current and new threats, with unmatched reliability. Clavister's performance in the security sector was recognized with the 2012 Product Quality Leadership Award from Frost & Sullivan. The company was founded in Sweden in 1997, with its solutions available globally through its network of channel partners. To learn more, visit www.clavister.com.

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