

CHECK POINT SECURITY GATEWAY

BENEFITS:

- Save time and money
- Extend hardware capital depreciation cycles
- Increase confidence and decrease downtime
- Integrate additional applications

NEXT GENERATION SECURITY PLATFORM

Crossbeam and Check Point provide the industry's fastest next generation firewall. With over 900 enterprises, our customers have validated our approach to evolving the data center. Rethink the network with Crossbeam and Check Point.

No matter the compliance acronym or the security threat, you should demand the best solution to maximize your security. We think the same way. That is why Crossbeam has designed the X-Series to allow more than one application to integrate within the same chassis.

Combining Check Point's IAS software and blade architecture with Crossbeam's integrated application platform, we provide a solution that is trusted by leaders and large enterprises around the world. The software blade approach allows customers to choose from multiple Check Point applications, increasing flexibility of security services.

CROSSBEAM AND CHECK POINT

Crossbeam and Check Point simplify the complex by consolidating firewall appliances with associated networking equipment into one adaptable platform. An average of 50 network and firewall devices can be consolidated with one X-Series platform, reducing time, operating costs, energy consumption, and complexity.

Coping with more than 50 million concurrent firewall sessions, 320,000+ new connections per second, and a real-world Firewall throughput of 40Gbps is merely part of the story. The ability to adapt the same platform over time to reach performance levels of 150Gbps is why customers use the same chassis with Check Point Security Gateway year-over-year.

Also our responsive platform marries together superior networking, and exceptional processing with an open application architecture to create an adaptable system that can self-heal. To you, this means no more firewall outages.



SUPPORTED CHECK POINT IAS SOFTWARE BLADE APPLICATIONS:

VSX	VSX is a virtualized security gateway incorporating firewall, VPN, URL filtering, and intrusion prevention security (IPS) together for the purpose of creating multiple individual security systems. With VSX organizations can create hundreds of individual security systems on to a single blade.
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SECURITY GATEWAY

Firewall	Worlds most proven firewall secures more than 200 applications, protocols, and services featuring the most adaptive and intelligent inspection technology.
IPS	High performing intrusion detection and prevention with an enhanced IPS engine that increases scalability while decreases the memory footprint, providing the industry's leading threat coverage.
IPSec VPN	Secure connectivity for offices and end users via sophisticated but easy to manage site-to-site VPN and flexible remote access.
Web Security	Advanced protection for the entire web environment featuring the strongest protection against buffer-overflow attacks.
Acceleration & Clustering	Patented SecureXL and ClusterXL technologies provide wire speed packet inspection, high availability, and load sharing.
Application Control	Provides strong granular application and identity controls by allowing organizations to create policies which identify, block, or limit usage of thousands of applications, based on user identity using the world's largest application library.

CHECK POINT ON CROSSBEAM GENERAL REQUIREMENTS:

Specifications	APM 8650	APM 9600
Processors	One or two Intel Quad Core CPUs	Dual Intel hex core CPUs
Memory	4GB standard, up to 16GB optional	12GB standard, up to 24GB optional
HDD Storage	1 or 2 120 GB RAID Optional	1 or 2 SAS HD max 450GB optional

CHECK POINT R75 ON CROSSBEAM PERFORMANCE SPECIFICATIONS:

Specifications	APM 8650	APM 9600
Firewall Throughput (1518 byte packets)	9.5 Gbps	11.5 Gbps
iMix Throughput	4.96 Gbps	11.5 Gbps
IPS Throughput	5.6 Gbps	10.0 Gbps
Connections Per Second	60K	125K
Concurrent Connections	8M*	10M*
Packet Forwarding Rate	2.2M	5M
Operating System	XOS 8.5 or higher	XOS 9.5 or higher

* Values can be achieved on the HCC (high concurrent connections) version of security gateway.

Fully Inspected Platform Performance	X60	X80-S
	19.8 Gbps	39.7 Gbps

ABOUT CROSSBEAM

We improve the sophisticated networks of enterprises, government agencies, and service providers by architecting platforms that are more adaptable, high-performing, reliable, and secure.