

Product Summary

Industry's Fastest Security Gateway for Data Centers & Telcos



Check Point 61000 Appliance

- **Ground-breaking Performance**
- **Flexible Modular Design**
- **Carrier-Grade Reliability & Serviceability**



Platform for Your Security Blueprint



1 Tbps Firewall Throughput Ready*



Optimal for Data Center & Cloud Security

Customer Values



Ground-Breaking Performance

- Over 1 Tbps firewall throughput capable
- Up to 14,600 SecurityPower
- Up to 70M Current Connections and 600K Sessions/sec

Full System Redundancy & Serviceability

- Business continuity through redundant and hot-swappable components
- Eliminate down-time with ClusterXL and SyncXL

Telecommunication Standards

- Support required protocols such as IPv4, IPv6, Dynamic & Multicast Routing
- Designed to support NEBS and ETSI standards

Comprehensive Security with Software Blades

- Supports Check Point's 3D Security vision and Software Blade Architecture
- Supports Firewall, VPN, IPS, URLF, App Control, AV and many others

Key Differentiators

Superior Performance

- 3,000 – 14,600 SecurityPower™¹ Units (SPU)
- Up to 200 Gbps firewall throughput
- Up to 85 Gbps IPS throughput²
- Up to 600K connections per second
- Up-to 70 million concurrent connections
- High port density (32x10GbE or 4x40GbE ports)
- Over 1 Tbps capacity and 1.5M Sessions/Sec Ready³



Optimized Availability, Stability and Serviceability

- Fully redundant hardware system architecture
- High serviceability with modular, hot-swap system components
- In-chassis load-sharing and load-balancing technology
- Check Point ClusterXL and SyncXL for load-sharing and load-balancing across systems

Flexibility and Expandability

- Modular design with hot-swap components
- Expand from 2 to 12 Security Gateway Modules (SGM)
- Extensibility of Check Point Software Blades

Comprehensive & Proven Security




- Total protection with Check Point Software Blade Architecture
- Proven security protecting 100% of the Fortune 100
- Only vendor with Next-Gen Firewall and IPS certified by NSS

¹ SecurityPower is a new benchmark metric that measure the capability of an appliance to perform multiple advanced security functions in a specific traffic volume

² With default profile policy

³ Same chassis with SSM and SGM upgrades

How to Compete Against...

Competitor	Weakness to exploit...
 JUNIPER NETWORKS SRX-5800	<ul style="list-style-type: none"> ■ Limited Security Functions (no DLP, AV or URLF) ■ Firewall throughput only up to 120 Gbps ■ IPS throughput only up to 30 Gbps
 CISCO ASA 5585-20	<ul style="list-style-type: none"> ■ No Bladed Security Solution Today ■ Best Security Solution is only 10 Gbps
 FORTINET Fortigate 5140	<ul style="list-style-type: none"> ■ Significant performance degradation with real world security & traffic ■ Single gateway limited operation ■ Basic IPS protection

Market Landscape and Challenges

1. Managing evolving threats and risks

- More threats and increase data losses
- Evolving threats and attacks with network worms, viruses, trojans, spyware & exploits?
- Increasing pressure for regulatory compliance

2. Growing demand in network, data & devices

- Multi-gigabit speed requirement with 10 GbE network performance becoming a standard
- Accelerated trend moving towards Cloud Computing
- Wide acceptance and adoption of Web 2.0 and Social Media
- Confidential information loss is catching headlines and causing real damages
- Increase in applications, systems, users, and infrastructure to protect

3. Performance often compromised

- Need to balance security vs. latency issues
- Adding security reduces performance
- Performance is very unpredictable

4. Shrinking IT budgets

- Limited IT resources—do more with less
- Cost reduction and higher ROI with IT consolidation
- Green IT—less power & space consumption

Check Point Solution

Break-through Performance for Data Centers and Telco

1. New appliance delivers proven and extensible Security with Software Blades

- Powerful platform to meet security needs for Data Centers, Telco and Cloud Service providers
- Optimized to fully leverage the power and extensibility of Check Point Software Blades including Firewall, VPN, Identity Awareness, Application Control, URL Filtering and more
- Fast deployment with local management
- Easy expansion with additional Security Gateway Modules

2. Industry-Leading Performance

- Up to 14,600 SecurityPower Units to handle the most demanding security requirements
- Firewall throughput up-to 200 Gbps and is 1 Tbps ready for future growth¹
- Support 70M concurrent connections

3. High Flexibility & Serviceability Options

- Highly flexible modular design with full HW redundancy
- Expand from 2 to 12 Security Gateway Modules
- Load sharing and load balancing increase system performance
- Redundancy and hot-swappable components eliminate service down-time

4. Lower TCO with IT Consolidation

- Run more security blades on a single gateway while maintaining high performance
- Reduce IT footprint and lower TCO with security gateway consolidation

Questions to Ask

Q: How are you managing your security against the evolving threats?

Q: What regulatory compliance and security challenges are you facing today?

Q: How do you manage your growing security needs brought on by social media such as Facebook, Twitter, YouTube and others?

Q: What challenges are you facing in allowing a variety of mobile devices access to your corporate data?

Q: What approaches are you taking in providing stronger security while maintaining a reasonable IT budget?

High Performance & Comprehensive Security



¹ With future upgrade options