Check Point
SOFTWARE TECHNOLOGIES LTD.

SECURITY FOR SMALL and MEDIUM BUSINESSES

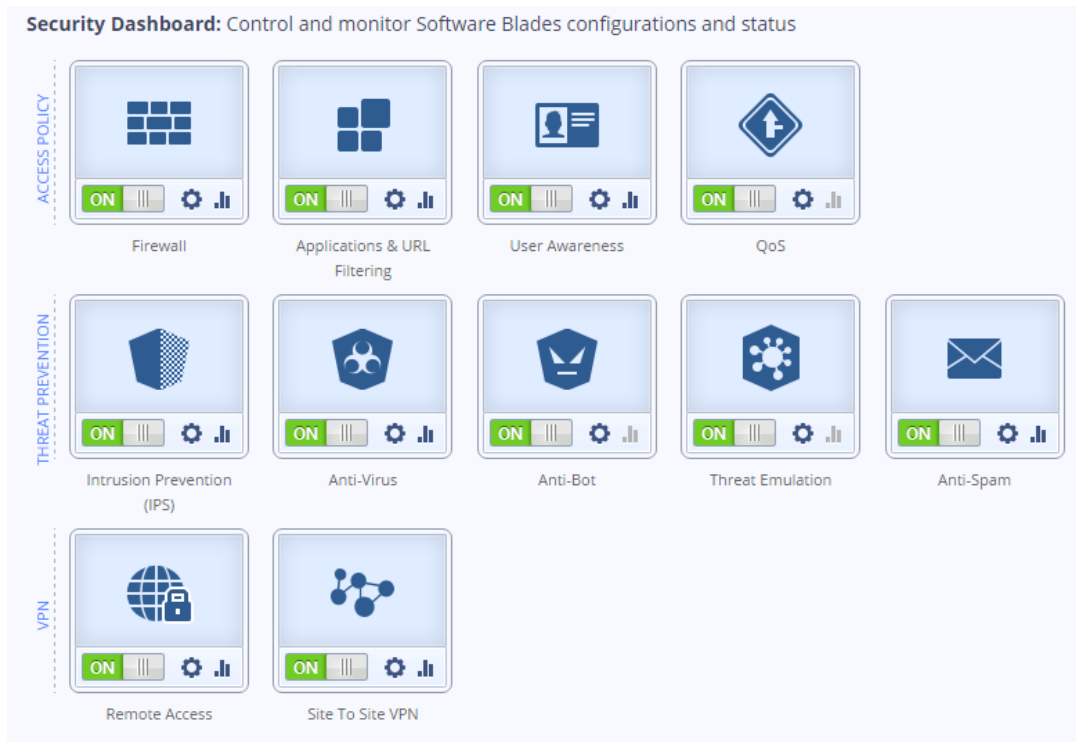# SECURITY APPLIANCES FOR SMALL BUSINESS

UNCOMPROMISING PERFORMANCE

A common problem with firewalls used by small and medium businesses has to do with hardware performance. Most often, vendor-stated bandwidth claims fall short when put to the real-world test. As a result, as Internet speeds degrade over time, security services are often disabled to compensate. This action allows entry for Internet attacks. Check Point security appliances for small and medium businesses provide unparalleled security without the performance degradation witnessed by other firewalls. Small and medium businesses are able to maintain full Internet performance without disabling key security features.

SECURITY WITHOUT COMPLEXITY

Many small and medium businesses need protection against today's sophisticated cyber-attacks and zero-day threats. Check Point security appliances for small and medium businesses bring the same protection used by large enterprises and Fortune 100 companies and make it easily accessible. The same next-generation threat prevention deployed to deliver the highest levels of protection for large enterprises integrates firewall, VPN, antivirus, anti-bot, application visibility and control, URL filtering, email security and SandBlast Zero-Day Protection (sandboxing) in a simpler, easy-to-use, easy-to-manage small business package.

Security Dashboard: Control and monitor Software Blades configurations and status

ACCESS POLICY

Firewall

Applications & URL Filtering

User Awareness

QoS

THREAT PREVENTION

Intrusion Prevention (IPS)

Anti-Virus

Anti-Bot

Threat Emulation

Anti-Spam

VPN

Remote Access

Site To Site VPN

Ready to Use Pre-defined Security Policy

NEXT GENERATION THREAT PREVENTION

COMPREHENSIVE THREAT PREVENTION

The rapid growth of malware, growing attacker sophistication and the rise of new unknown zero-day threats requires a different approach to keep enterprise networks and data secure. Check Point delivers fully integrated, comprehensive Threat Prevention to combat these emerging threats while reducing complexities and increasing operational efficiencies. The Check Point Threat Prevention solution includes powerful security features such as firewall, IPS, Anti-Bot, Antivirus, Application Control, and URL Filtering to combat known cyber-attacks and threats – now enhanced with the award-winning SandBlast™ Threat Emulation for complete protection against the most sophisticated threats and zero-day vulnerabilities.

PREVENT KNOWN AND ZERO-DAY THREATS

As part of the Check Point SandBlast Zero-Day Protection solution, the cloud-based Threat Emulation engine detects malware at the exploit phase, even before hackers can apply evasion techniques attempting to bypass the sandbox. Files are quickly quarantined and inspected, running in a virtual sandbox to discover malicious behavior before it enters your network. This innovative solution combines cloud-based CPU-level inspection and OS-level sandboxing to prevent infection from the most dangerous exploits, and zero-day and targeted attacks.
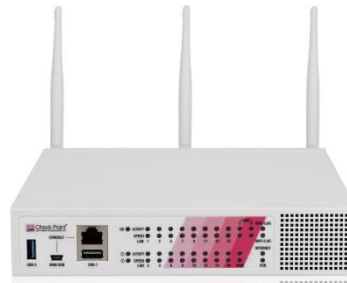
700 APPLIANCES

RELIABLE SECURITY, UNCOMPROMISING PERFORMANCE

**730/750 APPLIANCE
(WI-FI AND VDSL OPTIONS)**

**770/790 APPLIANCE
(WI-FI AND POE OPTIONS)**

OVERVIEW

Cyber criminals are getting smarter, leveraging highly sophisticated attacks, adapting their tactics to exploit any weakness and ultimately achieving their goals. These advanced techniques require an equally advanced security approach, one that incorporates a comprehensive set of capabilities to effectively prevent threats instead of merely detecting them. For small businesses this security should be predefined and ready within minutes of turning on the security appliance.

You can now protect your entire network from cyber threats with our award-winning Check Point Threat Prevention. For local management and support in a small office environment, an easy and intuitive web-based local management interface is available. If you don't have the time or expertise to manage your security, leverage our Cloud-Managed Security Services to remotely monitor, manage and apply firmware and security updates.

ALL-INCLUSIVE SECURITY

All-Inclusive Next Generation Threat Prevention (NGTP) with SandBlast: apply multiple layers of protection to prevent sophisticated cyber-threats — with Application Control, URL Filtering, IPS, Anti-Bot, Antivirus, Email Security and SandBlast Zero-Day Protection (sandboxing).

700 APPLIANCE HIGHLIGHTS

A wide variety of network interface options are available including 1GbE Ethernet ports, DSL, PoE, 802.11ac Wi-Fi, 3G and 4G wireless connections.

Maximum Capacities	730	750	770	790
Firewall throughput [1]	900 Mbps	1.1 Gbps	1.6 Gbps	1.8 Gbps
Threat prevention throughput [1]	100 Mbps	200 Mbps	270 Mbps	330 Mbps
1 GbE ports (Copper)	1x WAN, 1x DMZ, 6x LAN switch ports		1x WAN, 1x DMZ, 16x LAN switch ports	
Wi-Fi option	802.11 b/g/n/ac, single band 2.4 or 5GHz		802.11 b/g/n/ac, dual band 2.4 and 5GHz	
PoE option	✘		✔	
DSL option	✔		✘	

[1] performance measured with an SMB HTTP real-world traffic blend, a typical rule-base, NAT, logging enabled and the most secure threat prevention

910 APPLIANCE
STEP UP TO MEDIUM BUSINESS SECURITY

910 APPLIANCE

OVERVIEW

We know that growing both quickly and safely can be difficult for small businesses. As a small business, you worry about survival and as you grow your business in size, you worry about dozens of issues; such as continuing to grow your business, protecting your customers and beating your competition to market. You want a secure network, but how many people can you justify in your IT department? Security does not have to mean a large IT staff.

If you are a small to medium business with up to 300 users, the Check Point 910 offers enterprise-grade security with the same intuitive and simple web-based management interface used in our proven 700 small business security appliance family. If you don't have the time or expertise to manage your security, leverage our Cloud-Managed Security Services to remotely monitor, manage and apply firmware and security updates.

ALL-INCLUSIVE SECURITY

All-Inclusive Next Generation Threat Prevention (NGTP) with SandBlast: apply multiple layers of protection to prevent sophisticated cyber-threats — with Application Control, URL Filtering, IPS, Anti-Bot, Antivirus, Email Security and SandBlast Zero-Day Protection (sandboxing).

910 APPLIANCE HIGHLIGHTS

Double the size, double the capacity of our 700 small business appliances, the 910 security gateway comes standard with 18 1GbE Ethernet ports with a copper/fiber DMZ port option.

Maximum Capacities	910
Firewall throughput [1]	2 Gbps
Threat prevention throughput [1]	350 Mbps
Maximum concurrent connections	850,000
1 GbE ports (Copper)	1x WAN, 1x DMZ, 16x LAN switch ports
Fiber option	✓
Mobile Access users	Up to 300 users

[1] performance measured with an SMB HTTP real-world traffic blend, a typical rule-base, NAT, logging enabled and the most secure threat prevention

SMALL BUSINESS APPLIANCE COMPARISON

		730	750	770	790	910
Performance: Real-World Production Conditions[1]						
Firewall throughput (Mbps)		900	1,100	1,600	1,800	2,000
Threat prevention (Mbps)		100	200	270	330	350
Performance: Ideal Testing Conditions						
Firewall 1518 byte UDP (Mbps)		2,000	2,500	3,200	4,000	4,000
IPS throughput (Mbps)		325	575	700	800	800
VPN AES-128 (Mbps)		275	500	500	1,000	1,000
Connections per second		20K	27K	30K	40K	40K
Concurrent connections		500K	500K	500K	500K	850K
Software						
Security		Firewall, VPN, User Awareness, QoS, Application Control, URL Filtering, IPS, Anti-Bot, Antivirus, Email Security and SandBlast Threat Emulation (sandboxing)				
Unicast, Multicast Routing		OSPFv2, BGPv4 and 4++, RIP, PIM (SM, DM, SSM), IGMP				
Mobile Access User License (base package/maximum)		100/150		200/300		300/300
Hardware						
WAN		1x 1GbE copper		1x 1GbE copper		
DMZ		1x 1GbE copper		1x 1GbE copper or fiber		
LAN		6x 1GbE		16x 1GbE		
PoE (optional)		✘		✓		✘
DSL (optional)		✓		✘		
Wi-Fi (optional)		802.11 a/b/g/n/ac MIMO 3x3		802.11 b/g/n and 802.11 n/ac MIMO 3x3		✘
Radio band		2.4GHz or 5GHz		2 concurrent 2.4GHz and 5GHz		✘
Console Port		1x RJ-45, 1x Mini USB				
USB ports		1		2		
SD card slot (up to 32 GB)		1 (SDHC)				
3G/4G modem support		Yes, see sk92809				
Power						
AC Input		100-240V, 50 – 60 Hz				
Power Supply Rating		12V/3.33A 40W		12V/5.4A 65W, 12V/12.5A 150W (PoE)		110 to 240V/1.7A
Power Consumption (Max)		25W (non-Wi-Fi), 30W (Wi-Fi)		55W (non-Wi-Fi), 60W (Wi-Fi), 130W (PoE)		55W
Physical						
Enclosure		Desktop				Rack Mount
Dimensions (WxHxD)		210x42.5x155mm		210x42.5x200.5mm		430x44x281mm
Weight		1.3 kg		1.6 kg		3.64 kg
Certifications						
Safety / Emissions / Environment		UL/c-UL, IEC 60950 CB / EMC: EN55022 Class B, FCC: Part 15 Class B / RoHS, REACH, WEEE				

[1] performance measured with an SMB HTTP real-world traffic blend, a typical rule-base, NAT, logging enabled and the most secure threat prevention

CLOUD MANAGED SERVICE

Focus on your business. Leave the security to us.

- Advanced protection, maximum performance
- Unmatched flexibility
- Managed from the cloud
- Always-On 24x7 support

Monitoring

Reporting

Firmware Updates

Security Updates

LACK THE EXPERTISE OR TIME TO MANAGE YOUR SECURITY?

Check Point partners offer a cloud managed security service that will oversee the ongoing operation of the Small and Medium Business Appliances. Security experts from a Managed Security Service Provider (MSSP) manage security at a very low monthly cost, allowing small business owners to focus on growing their business.

The Cloud-Managed Security Service offers a simple, all-in-one solution with easy setup.
- Ongoing management through the cloud by Check Point security experts
- Continuous automatic security updates and upgrades
- 24x7 customer support by Check Point's award-winning support team
- Security reports on demand or as requested

WHAT ARE YOU WAITING FOR?

Security for a small business is too important to ignore. With Check Point, small businesses can feel confident that they have the best security available, in a package that doesn't require extensive expertise or time to get high levels of protection.

Contact a Check Point Authorized Reseller today to get started with enterprise-level security that protects the small business.

Visit www.checkpoint.com/smb for more information.