



YOU DESERVE THE BEST SECURITY

SECURITY GATEWAYS FOR SMALL AND MIDSIZE BUSINESS

Uncompromising Performance

A prevalent issue affecting both small businesses (SBs) and midsize businesses (MBs) in the realm of firewalls is related to hardware performance. Frequently, the bandwidth claims made by vendors prove inadequate when subjected to real-world scenarios. Consequently, as Internet speeds deteriorate, security services are sometimes disabled to offset the impact. Unfortunately, this opens the door to potential Internet attacks. Check Point security gateways tailored for both small and midsize businesses offer unmatched security without the performance setbacks observed in other firewall solutions. Whether for SBs or MBs, businesses can uphold optimal Internet performance without compromising key security features.

Security Without Complexity

In today's landscape, SMBs require robust defense mechanisms against sophisticated cyber-attacks and zero-day threats. Check Point addresses the security needs of both small and midsize businesses, providing access to the same level of protection utilized by large enterprises and Fortune 100 companies. Our security gateways for SMBs seamlessly integrate next-generation threat prevention features, including firewall, VPN, antivirus, anti-bot, application visibility and control, URL filtering, email security, and SandBlast Zero-Day Protection (sandboxing). This comprehensive suite is delivered in a simplified, user-friendly, and easily manageable package tailored to the unique requirements of both SBs and MBs.



[Ready to Use Pre-defined Security Policy](#)

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 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 cyberattacks 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.



QUANTUM SPARK 1600, 1800

Uncompromising Performance for SMBs



Quantum Spark 1600



Quantum Spark 1800

Overview

Enforcing consistent network security is challenging for small to mid-size businesses where there are few users with little to no IT expertise. Small to mid-size business offices require the same level of protection from sophisticated cyber-attacks and zero-day threats that is available in larger enterprise offices. The Check Point Quantum Spark 1600 and 1800 security gateways deliver enterprise-grade security in simple, affordable, all-in-one security solutions in a 1 Rack Unit (RU) form factor to protect small to mid-size business employees, networks, and data from cyber-theft. High threat prevention throughput and high port capacity with 2.5 and 10 GbE network interfaces in the 1800 make these NGFWs ideal for larger branch and SMB networks.

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).

1600, 1800 Gateway Highlights

The 1600 and 1800 gateways come standard with sixteen (16) 1-Gigabit Ethernet LAN switch ports and a 1-GbE WAN port configuration that supports copper or fiber connections. The DMZ port is a combination copper/fiber 1 GbE port in the 1600 and 10 GbE in the 1800. The 1800 has an additional two (2) 2.5 GbE LAN ports and two (2) power supplies for redundancy.

Maximum Capacities	1600	1800
Threat prevention with Smart Accel ¹	2 Gbps	2.6 Gbps
Threat prevention ¹	1.5 Gbps	2 Gbps
Next-Gen Firewall + IPS	3.2 Gbps	5 Gbps
LAN ports	16x 1GbE copper ports	16x 1GbE copper plus 2x 2.5GbE copper ports
WAN ports	1x 1GbE copper/fiber port	2x 1GbE copper/fiber port
DMZ ports	1x 1GbE copper/fiber port	1x 10GbE copper/fiber port
Power supplies	1	2 redundant
Storage	32 GB eMMC plus a 64 GB micro-SD card option	32 GB eMMC plus a 256 GB SSD

¹measured with an Enterprise traffic blend and the most secure threat prevention

QUANTUM SPARK 1900, 2000

Enterprise-Level Security for SMBs



Quantum Spark 1900



Quantum Spark 2000

Overview

As the spectrum of cyber security threats widens, spanning from ransomware attacks to data breaches, cybercriminals are increasingly demonstrating greater adaptability. Traditional cybersecurity solutions fall short in delivering the comprehensive, automated, easy to use security protection demanded by SMBs. On the higher end, midsize businesses encounter security gaps that expose them to cyber risks, along with the need for streamlined performance of critical online applications due to the growing number of employees, devices, and customers. Check Point Quantum Spark 1900 and 2000 security gateways deliver over 2x more threat prevention performance up to 5 Gbps with a 99.8% block rate of advanced cyberattacks. Businesses can simplify their network with integrated switching, eliminating the need for external switches, and enhance resilience with a dual power supply and a high availability mode. The Spark 1900 and 2000 offers top-tier reliability, a seamless user experience, and innovative features like IoT threat prevention and Smart SD-WAN (for optimized application performance). Designed with MSPs in mind, advanced cloud management ensures streamlined operations, a centralized security hub, and proactive monitoring, enabling MSPs to provide unparalleled threat management for SMBs.

1900, 2000 Gateway Highlights

The 1900 and 2000 come with a high-port capacity of sixteen (16) 1GbE, two (2) 2.5GbE, and four (4) 10GbE network interfaces, making these ideal for larger branch and MB networks. In addition, the 1GbE copper or fiber WAN and DMZ ports offer connection flexibility (the DMZ can also be used as a secondary WAN port).

Maximum Capacities	1900	2000
Threat Prevention with Smart Accel ¹	5.2 Gbps	6.5 Gbps
Threat Prevention	4 Gbps	5 Gbps
Next-Gen Firewall + IPS	8 Gbps	10 Gbps
LAN 1 GbE + 2.5 GbE Copper Ports	(16)x10/100/1000Base-T RJ-45 ports + (2)x2.5GbE Base-T RJ-45	
LAN 10 GbE Fiber Ports	(4)x10GbE SFP+ ports	
WAN ports	(1)x10/100/1000Base-T RJ-45 port	
DMZ ports	(1)x10/100/1000Base-T RJ-45 port	
Power supplies	(2) Redundant 150W	
Storage	512 GB SSD and Micro-SD slot with 32 and 64 GB card options	

1. Includes Firewall, Application Control, URL Filtering, IPS, Antivirus, Anti-Bot, SandBlast Zero-Day Protection with logging.

2. Includes Firewall, Application Control, IPS with logging.

* Smart Accel is available on release R81.10 and above. Smart Accel must be enabled on Web UI and is currently supported on devices managed via Web UI or SMP

QUANTUM SPARK 1500 PRO

Secure All-In-One Solution



Spark Pro 1555 Wi-Fi



Spark Pro 1595 Wi-Fi 5G

Overview

Enforcing consistent network security is challenging in small offices and where the enterprise border extends to small, remote and branch offices where there are a few users with little to no IT expertise. Small and remote offices require the same level of protection from sophisticated cyber-attacks and zero-day threats as main corporate offices. The Quantum Spark 1500 Pro security gateways are ideal for small and remote branch offices. For local management and support in a small office environment, an easy and intuitive web-based local management interface is available. Enterprises who want to manage security from a central office can leverage on-premises or cloud-hosted security management to remotely manage and apply a consistent security policy to thousands of devices across the field offices.

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).

1500 Pro Gateway Highlights

Available in four models, the 1535/1555 and the 1575/1595, these gateways come standard with six (6) or ten (10) 1-Gigabit Ethernet ports respectively. Models with Wi-Fi and Wi-Fi with an embedded 5G modem fit seamlessly into your home and branch office networks.

Maximum Capacities	1535	1555	1575	1595
Threat prevention with Smart Accel ¹	440 Mbps	600 Mbps	650 Mbps	900 Mbps
Threat prevention ¹	340 Mbps	450 Mbps	500 Mbps	660 Mbps
Next-Gen Firewall + IPS	600 Mbps	800 Mbps	970 Mbps	1,300 Mbps
1 GbE ports (Copper)	1x WAN, 5x LAN switch ports		1x WAN, 1x DMZ, 8x LAN switch ports	
Fiber option	✘		✔	
Wi-Fi 6 option	802.11 a/b/g/n/ac/ax, 2.4 or 5GHz band		802.11 a/b/g/n/ac/ax, 2.4 and 5 GHz bands	
5G option	✘		✔	

¹measured with an Enterprise traffic blend and the most secure threat prevention

QUANTUM SPARK COMPARISON

	1535	1555	1575	1595	1600	1800
Performance						
Threat prevention with Smart Accel* (Mbps)	440	600	650	900	2,000	2,600
Threat prevention (Mbps) ¹	340	450	500	660	1,500	2,000
Next-Gen Firewall (Mbps) ¹	600	800	970	1,300	3,200	5,000
Firewall throughput (Mbps) ¹	1,000	1,000	2,800	2,800	4,800	7,500
Ideal Test Conditions						
Firewall 1518-byte UDP (Mbps)	2,000	2,000	6,400	6,400	8,000	17,000
VPN AES-128 (Mbps)	970	1,300	1,950	2,600	3,200	4,000
Connections per second	10,500	14,000	15,750	21,000	55,000	66,000
Concurrent connections	1,000,000	1,000,000	1,000,000	1,000,000	2,400,000	2,400,000
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	100	100	200	200	500	500
Hardware						
LAN ports	5x 1GbE	5x 1GbE	8x 1GbE	8x 1GbE	16x 1GbE	16x 1GbE
LAN ports, 2.5GbE	✘	✘	✘	✘	✘	2x LAN
WAN ports	1x 1GbE	1x 1GbE	1x copper/fiber	1x copper/fiber	1x copper/fiber	2x copper/fiber
DMZ ports	✘	✘	1GbE copper/fiber	1GbE copper/fiber	1GbE copper/fiber	10GbE copper/fiber
Wi-Fi 6 (optional)	✓	✓	✓	✓	✘	✘
5G modem (optional)	✘	✘	✓	✓	✘	✘
Console port	✓	✓	✓	✓	✓	✓
USB ports	✓	✓	✓	✓	✓	✓
SD card slot	✘	✘	✓	✓	✓	✓
SSD	✘	✘	✘	✘	✘	256 GB
Power supplies	1	1	1	1	1	2
Datasheet link						

¹ measured with enterprise traffic blend, the most secure threat prevention and logging enabled

* Smart Accel is available on release R81.10 and above. Smart Accel must be enabled on Web UI and is currently supported on devices managed via Web UI or SMP

Integrated Cloud Security Services & Network Connectivity

Focus on your business. Leave the security to us.

- Smart SD-WAN capabilities
- Autonomous IoT threat prevention
- Unmatched flexibility
- Managed from the cloud
- Always-On 24x7 support



Monitoring



Reporting



Firmware Updates



Security Updates

Note: Spark appliances offer SD-WAN Local Breakout capabilities when managed through the local web UI or Spark Management Infinity portal application service. These capabilities come without the need for additional licensing. When managed through a Smart Management server or the Smart-1 Cloud Infinity Portal services, they can leverage both SD-WAN Local Breakout and VPN Overlay. However, it's important to note that additional Quantum SD-WAN licensing is required in this specific use case.

Lack the Expertise or Time for Security?

Check Point and our partners offer a cloud managed security service that will oversee the ongoing operation of the Small Business Gateways. Security experts from Check Point or 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 SMBs is too important to ignore. With Check Point, SMBs 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 checkpoint.com/quantum/next-generation-firewall/small-business-security for more information.

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