

CHECK POINT TOTAL SECURITY APPLIANCES



Flexible Deployment. Centralized Management.

Check Point appliances deliver a powerful turnkey solution for deploying Check Point award-winning software solutions to address virtually any security need. All Check Point appliances are built around a unified security architecture, enabling organizations to perform all aspects of security management via a single, unified console. The new Check Point Software Blade architecture adds new levels of flexibility, simplicity, and extensibility to Check Point appliances. This enables organizations of all sizes to tailor their network security infrastructure to meet their functional and performance needs with centralized management, simple deployment, and full extensibility.



Check Point[®]
SOFTWARE TECHNOLOGIES LTD.

UTM-1 Appliances



All inclusive. All secured.

UTM-1™ appliances offer the ideal combination of proven security technologies and easy-to-use deployment and management features. With a full line of hardware-based solutions, Check Point UTM-1 appliances consolidate key security applications such as firewall, VPN, intrusion prevention, and antivirus and more into a single, easy-to-manage solution. UTM-1 Appliances are based on the Check Point Software Blade architecture that enables flexible and fast deployment of additional security capabilities, such as VoIP protections, without the addition of new hardware.

UTM-1 appliances deliver a comprehensive set of security features including firewall, intrusion prevention, antivirus, anti-spyware, anti-spam, Web filtering, Web application security—as well as secure site-to-site and remote access connectivity. **UTM-1 Edge™** appliances deliver integrated firewall, intrusion prevention, VPN, and antivirus for branch offices of up to 100 users, ensuring small offices stay as secure as the corporate office.

BENEFITS

- Industry-leading application- and network-layer firewall
- Site-to-site and remote-access VPNs
- Gateway antivirus and anti-spyware
- Intrusion prevention with type-based protections and security updates
- Web security with URL filtering and integrated security for Web applications
- Email security and anti-spam, including the Check Point six dimensions of comprehensive messaging security
- Software Blade architecture for fast and flexible deployment of new security services

UTM-1 appliances come in six models and **UTM-1 Edge** appliances come in four models that let organizations choose the right solution to meet price and performance requirements.



Power-1 Appliances



Security for high-performance environments

Check Point Power-1™ appliances enable organizations to maximize security in high-performance environments such as large campuses or data centers. They combine integrated firewall, IPSec VPN, and intrusion prevention with advanced acceleration technologies, delivering a high-performance security platform for multi-Gbps environments. The Check Point Software Blade architecture enables flexible and fast deployment of additional security capabilities, such as VoIP protections and UTM functionality, on Power-1 appliances.

BENEFITS

- Ensures availability of business-critical applications with up to 25 Gbps throughput and intrusion prevention throughput up to 14 Gbps
- Streamlines deployment of enterprise security for large offices and data centers
- Provides comprehensive security that is extensible on demand to include SSL VPNs, Web security, URL filtering, antivirus, anti-spyware, and anti-spam
- Simplifies administration with a single management console for all sites
- Protects against emerging threats with optional blades for security services
- Software Blade architecture for fast and flexible deployment of new security services

Power-1 appliances come in five models—**Power-1 5075**, **Power-1 9075**, **Power-1 11065**, **Power-1 11075**, and **Power-1 11085**—that let organizations choose the proper levels of performance and port density for their environments.



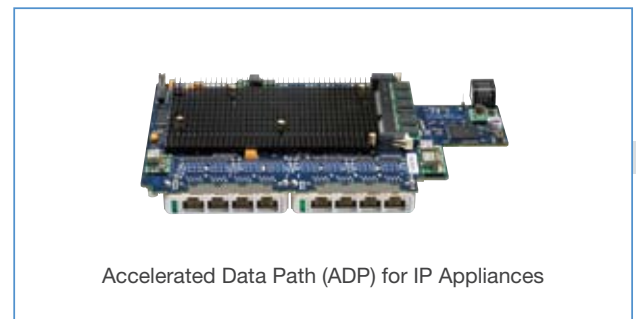
Flexible networking and performance options

Proven for years in complex networking and performance-demanding environments, Check Point IP Appliances—formerly Nokia appliances—offer customers turnkey security functionality such as firewall, VPN, and intrusion prevention across a wide range of models. Optimized for Check Point Security Gateway software, the IP Appliances offer unsurpassed scalability, high performance, manageability, and best-in-class port density that reduces operational costs in complex, mission-critical security environments.

BENEFITS

- Security appliance combining hardware and software from Check Point
- Scalable, modular, and configurable security architecture with multiple acceleration (ADP service modules) and interface options insures investment protection
- Achieve high performance across a broad spectrum of traffic types
- Enterprise-class high availability, scalability, and fault tolerance to insure network resiliency and business continuity
- Carrier-grade serviceability and redundancy
- Streamlined IT efficiency with advanced management tools for installation, configuration, and maintenance

IP Appliances come in seven models that deliver security solutions from small offices to carrier-class enterprises.



VSX-1 Appliances



Virtualized security

The **VSX-1™** appliances are virtualized security gateways that enable the creation of hundreds of security systems on a single hardware platform, delivering deep cost savings and infrastructure consolidation. Based on the proven security of VPN-1® Power™, VSX provides best-in-class firewall, VPN, URL filtering, and intrusion-prevention technology to multiple networks, securely connecting them to each other and shared resources such as the Internet and DMZs. All security systems, virtual and real, are centrally managed through Check Point SmartCenter™ or Provider-1® management consoles.

Ideal for MSPs, VSX-1 becomes the ideal platform for new subscription revenue opportunities by delivering new security services easily and efficiently.

BENEFITS

- Unique and comprehensive virtualized security solution with firewall, VPN, IPS, and URL filtering
- Consolidates from five to hundreds of security gateways on a single device, increasing device utilization and reducing power, space, and cooling
- Linear scalability with performance up to 27 Gbps
- Flexible deployment options including software and a full line of turnkey appliances
- Single proven security management architecture

VSX-1 appliances come in three models that allow organizations to choose the right solution for their performance and scalability needs.



Check Point Integrated Appliance Solutions



Integrated software and hardware from Check Point and IBM

Check Point Integrated Appliance Solutions (IAS) provide organizations with the ultimate choice in appliances—integrated software and hardware bundles customized to their exact specifications. These customized platforms enable them to provision security services based on exact corporate needs.

Organizations can choose from Check Point Software Blades such as firewall, IPSec VPN, and intrusion prevention, and additional blades including UTM functionality. They can also choose to deploy Check Point's virtualized security gateway, VPN-1 Power VSX™, as well as Provider-1 for management of large deployments with separate security domains.

Check Point integrates the selected software onto an IBM System x™ server or IBM BladeCenter® to provide a comprehensive solution that includes direct technical support from Check Point.

BENEFITS

- Provides a software/hardware combination trusted by the largest organizations in the world
- Reduces complexity by ensuring compatibility of the latest certified components and servers
- Increases flexibility for security services provisioning by allowing customers to choose from multiple Check Point solutions
- Delivers scalable performance and port density based on customer needs
- Protects against emerging threats with service-based Check Point Software Blades including IPS, Antivirus, Anti-Malware, and URL Filtering

M series Integrated Appliance Solutions are predefined models that can be customized to meet specific needs. The **M2** model delivers UTM functionality. The **M6** and **M8** models both provide maximum security for high-performance environments with integrated firewall, VPN, and intrusion prevention.



For more information: www.checkpoint.com/products/ias.

Appliance Specifications



	UTM-1 Edge	UTM-1 130	UTM-1 270	UTM-1 570	UTM-1 1070	UTM-1 2070	UTM-1 3070
Models	UTM-1 Edge X, UTM-1 Edge W, UTM-1 Edge X ADSL, UTM-1 Edge W ADSL	UTM-1 132 UTM-1 136	UTM-1 272 UTM-1 276	UTM-1 572 UTM-1 576	UTM-1 1073 UTM-1 1076	UTM-1 2073 UTM-1 2076	UTM-1 3073 UTM-1 3076
Software Edition	Embedded NGX	R65, R70	R65, R70	R65, R70	R65, R70	R65, R70	R65, R70
10/100 Ports	6	1	-	-	-	-	-
10/100/1000 Ports	-	4	4	6	6	8	10
Firewall Throughput	190 Mbps	400 Mbps	600 Mbps	1.1 Gbps	2 Gbps	3 Gbps	4.5 Gbps
VPN Throughput	35 Mbps	100 Mbps	100 Mbps	250 Mbps	250 Mbps	280 Mbps	1.1 Gbps
Concurrent Sessions	8,000	300,000	600,000	800,000	1.1 million	1.1 million	1.1 million
IPS Throughput	-	300 Mbps ¹	380 Mbps ¹	700 Mbps ¹	900 Mbps ¹	1 Gbps ¹	4 Gbps ¹
Licensed Users	8/16/32/U	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
VLANs	32	1024 ²	1024 ²	1024 ²	1024 ²	1024 ²	1024 ²
UTM Out of the Box	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Security Acceleration	No	No	No	No	No	No	Yes
Multisite Management	No	Standalone	Yes	Yes	Yes	Yes	Yes
Storage	-	80 GB	160 GB	160 GB	160 GB	160 GB	160 GB
Enclosure	Desktop	Desktop	1U	1U	1U	1U	1U
Dimensions (standard)	1.2 x 8 x 4.8 in.	10.6 x 5.7 x 1.6 in.	16.8 x 10 x 1.73 in.	16.8 x 10 x 1.73 in.	16.8 x 10 x 1.73 in.	17.4 x 15 x 1.73 in.	17.4 x 15 x 1.73 in.
Dimensions (metric)	30 x 203 x 122mm	270 x 145 x 40mm	429 x 255 x 44mm	429 x 255 x 44mm	429 x 255 x 44mm	443 x 381 x 44mm	443 x 381 x 44mm
Weight	0.7kg (1.6 lbs)	1.6 kg (3.52 lbs)	3.7kg (8.1 lbs)	3.7kg (8.1 lbs)	3.7kg (8.1 lbs)	6.5kg (14.3 lbs)	6.5kg (14.3 lbs)
Operating Environment	Temperature: 5° to 40° C, Humidity: 10%–85% non-condensing, Altitude: 2,500m ³						
Power Input	100/240V, 50/60Hz						
Power Supply Spec (Max)	18W	60W	65W	65W	65W	250W	250W

¹ Test based on real-world traffic blend using the default profile

² Maximum of 256 VLANs per interface

³ UTM-1 Edge operating environment: Temperature: 0° to 40° C, Humidity: 10%–90% non-condensing, Altitude: 4500m (15,000ft)

Appliance Specifications



	Power-1 5075	Power-1 9075	Power-1 11065	Power-1 11075	Power-1 11085	IAS ¹ M2	IAS ¹ M6	IAS ¹ M8
Software Edition	R65, R70	R65, R70	R70	R70	R70	R65, R70	R65, R70	R65, R70
10/100/1000 Ports	10/14	14/18	14/18	14/18	14/18	4/10	10/10	14/18
Firewall Throughput	9 Gbps	16 Gbps ²	15 Gbps	20 Gbps ³	25 Gbps ²	4.5 Gbps	8 Gbps	12 Gbps
VPN Throughput	2.4 Gbps	3.7 Gbps	3.7 Gbps	4 Gbps	4.5 Gbps	1.1 Gbps	2.4 Gbps	3.5 Gbps
Concurrent Sessions	1.2 million	1.2 million	1.2 million	1.2 million	1.2 million	1.1 million	1.2 million	1.2 million
IPS Throughput	7.5 Gbps ⁴	10 Gbps ⁴	10 Gbps ⁴	12 Gbps ⁴	14 Gbps ⁴	4 Gbps ⁴	7.1 Gbps ⁴	8.6 Gbps ⁴
Licensed Users	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
VLANs	1024 ⁵	1024 ⁵	1024 ⁵	1024 ⁵	1024 ⁵	1024 ⁵	1024 ⁵	1024 ⁵
UTM Out of the Box	Optional	Optional	Optional	Optional	Optional	Yes	Optional	Optional
Security Acceleration	Yes	Yes	Yes	Yes	Yes	Optional	Yes	Yes
Integrated Multigateway Management	-	-	-	-	-	Optional	Optional	Optional
Storage	160 GB	2 x 160 GB	2 x 250 GB	2 x 250 GB	2 x 250 GB	2 x 73 GB	2 x 73 GB	2 x 73 GB
Enclosure	2U	2U	2U	2U	2U	1U	1U	2U
Dimensions (standard)	17 x 20 x 3.46 in.	17 x 20 x 3.46 in.	17 x 22.8 x 3.46 in.	17 x 22.8 x 3.46 in.	17 x 22.8 x 3.46 in.	17.3 x 27.5 x 1.75 in.	17.3 x 27.5 x 1.75 in.	17.5 x 27.5 x 3.36 in.
Dimensions (metric)	431 x 509.5 x 88mm	431 x 509.5 x 88mm	431 x 580 x 88mm	431 x 580 x 88mm	431 x 580 x 88mm	440 x 698 x 44mm	443 x 698 x 44mm	444 x 698 x 84.8mm
Weight	14.5kg (31.9 lbs)	16.5kg (36.3 lbs)	23.4kg (51.6 lbs)	23.4kg (51.6 lbs)	23.4kg (51.6 lbs)	16.1kg (35.5 lbs)	16.1kg (35.5 lbs)	26.1kg (57.5 lbs)
Operating Environment	Temperature: 5° to 40° C, Humidity: 10%–85% non-condensing, Altitude: 2,500m							
Power Input	100/240V, 50/60Hz ⁶							
Power Supply Spec (Max)	250W	400W	400W	400W	400W	350W	350W	835W

¹ IAS = Integrated Appliance Solutions

² 4 x 10 GbE ports

³ 2 x 10 GbE ports

⁴ Test based on real-world traffic blend using the default profile

⁵ Maximum of 256 VLANs per interface

⁶ Redundant power supply

Appliance Specifications



	IP150	IP290	IP390	IP560	IP690	IP1280	IP2450
10/100/1000 Ports	4	6/8	4/8	4/12	4/16	4/28	4/32
10 GbE Ports	-	-	-	-	6 ¹	10 ¹	10 ¹
Firewall Throughput	550 Mbps	1.5 Gbps	3.0 Gbps	6.3/9.5 Gbps ²	7.2/11.7 Gbps ²	10.3/15.4 Gbps ²	10.3/23.6 Gbps ²
VPN Throughput	76 Mbps	1.0 Gbps	677 Mbps	1.7/3.3 Gbps ²	1.4/ 3.3 Gbps ²	1.9/8.3 Gbps ²	1.9/8.3 Gbps ²
Concurrent Sessions	360,000	1.1 million	1.1 million	1.1 million	1.1 million	1.1 million	1.1 million
VLANs	1024 ³	1024 ³	1024 ³	1024 ³	1024 ³	1024 ³	1024 ³
ADP Module	-	-	-	Optional	Optional	Optional	Optional
VPN Acceleration	Optional	Optional	Included	Included	Included	Included	Included
Storage	40 GB	40 GB	80 GB	80 GB	80 GB	80 GB	80 GB
Disk-Based or Flash	Disk	Disk or Flash	Disk or Flash	Disk or Flash	Disk or Flash	Disk or Flash	Disk or Flash
Enclosure	1U	1U/half rack	1U	1U	1U	2U	2U
Dimensions (standard)	16.8 x 10 x 1.69 in.	8.52 x 18 x 1.71 in.	17 x 16 x 1.71 in.	17.23 x 22 x 1.71 in.	17.23 x 24 x 1.71 in.	17.23 x 24.11 x 3.46 in.	17.23 x 24.11 x 3.46 in.
Dimensions (metric)	43 x 254 x 43mm	216 x 457 x 44mm	432 x 406 x 44mm	438 x 559 x 44mm	438 x 610 x 44mm	438 x 613 x 88mm	438 x 613 x 88mm
Weight	4.76kg (10.5 lbs)	5.1kg (11.25 lbs)	7.71kg (17.0 lbs)	11.84kg (26.1 lbs)	12.38kg (27.3 lbs)	19.6kg (43.2 lbs)	20.57kg (45.35 lbs)
Operating Environment	Temperature: 5° to 40° C ⁴ , Humidity: 10%–85% non-condensing, Altitude: 2,500m						
Power Input	100/240V, 50/60Hz						
Power Supply Spec (Max)	180W	133W	150W	225W	250W	700W	700W
DC Power Supply	-	-	-	-	-	Optional	Optional
Compliance	Safety: UL60950-1, First Edition: 2003, CAN/CSAC22.2, No 60950:2000, IEC60950-1: 2001, EN60950-1:2001+A11 with Japanese National Deviations; Emission Compliance: FCC Part 15, Subpart B, Class A, EN50024,EN55022A: 1998, CISPR 22 Class A: 1985, EN61000-3-2, EN61000-3-3; Immunity: EN55024: 1998						

¹ Optional

² Performance without ADP/with ADP

³ Maximum of 256 VLANs per interface

⁴ IP390 can go to 50° C

Appliance Specifications



	VSX-1 3070	VSX-1 9070	VSX-1 9090
Software Edition	VSX NGX R65	VSX NGX R65	VSX NGX R65
10/100/1000 Ports	10	14/18	28/36
Firewall Throughput	4.5 Gbps	13.5 Gbps	27 Gbps
VPN Throughput	1.1 Gbps	3.5 Gbps	7 Gbps
Concurrent Sessions	1 million	1.1 million	1.8 million
Licensed Users	Unlimited	Unlimited	Unlimited
VLANs	4096	4096	4096
Virtual Systems (included/capacity)	5/10	10/150	10/150
UTM Out of the Box	Optional	Optional	Optional
Security Acceleration	Yes	Yes	Yes
Multisite Management	Optional ¹	Optional ¹	Optional ¹
Storage	160 GB	2 x 160 GB	4 x 160 GB
Enclosure	1U	2U	4U
Dimensions (standard)	17.4 x 15 x 1.73 in.	17 x 20 x 3.46 in.	17 x 20 x 7 in.
Dimensions (metric)	443 x 381 x 44mm	431 x 509.5 x 88mm	431 x 509.5x 176mm
Weight	6.5kg (14.3 lbs)	16.5 kg (36.3 lbs)	33 kg (72.6 lbs)
Operating Environment	Temperature: 5° to 40° C, Humidity: 10%–85% non-condensing, Altitude: 2,500m		
Power Input	100/240V, 50/60Hz		
Power Consumption	65W (Max)	250W (Max)	500W (Max)

¹ Management server resides on separate server

Contact Check Point now to discuss your Total Security appliances:

www.checkpoint.com/contactus

**By phone in the US: 1-800-429-4391 option 5 or
1-650-628-2000**



Check Point
SOFTWARE TECHNOLOGIES LTD.

CONTACT CHECK POINT

Worldwide Headquarters

5 Ha'Soleim Street, Tel Aviv 67897, Israel | Tel: 972-3-753-4555 | Fax: 972-3-624-1100 | Email: info@checkpoint.com

U.S. Headquarters

800 Bridge Parkway, Redwood City, CA 94065 | Tel: 800-429-4391; 650-628-2000 | Fax: 650-654-4233 | www.checkpoint.com

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April 2009

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