Check Point
SOFTWARE TECHNOLOGIES LTD.
We Secure the Internet.

1100
Big security for small branches

1100 Appliances

YOUR CHALLENGE
In the age of global business and increasingly more distributed workforce, remote and branch staff demand access to corporate resources in order to work effectively and efficiently. However, even a small data breach can expose growing companies to crippling lawsuits, penalties and loss of reputation. As hacking techniques and malware evolve, the threat of data loss compels companies to further restrict access to sensitive data. With limited IT budgets and resources, branch offices need an inexpensive, yet effective solution to provide secure access to critical resources from anywhere, while minimizing the risk of a data breach.

OUR SOLUTION
The Check Point 1100 Appliances are a simple, affordable and easy to deploy all-in-one solutions for delivering industry leading security to protect the weakest link in your enterprise network—the remote branch offices. Protect against cyber threats with Check Point Threat Prevention Software Blades. The Check Point 1100 Appliance is an all-in-one, centrally managed, security appliance for branch offices and remote sites. Built on the Software Blades Architecture, the 1100 Appliance offers the same enterprise-class security used by all Fortune 100 companies—in a compact desktop form factor.

The 1100 Appliances, available in 3 models to match the number of users protected, are ideal for small offices with from one to fifty employees. A wide variety of network interface options are available including 1GbE Ethernet ports, 802.11b/g/n WiFi, ADSL2, 3G and 4G wireless connections. These compact desktop appliances deliver outstanding performance of 1.5 Gbps firewall and 220 Mbps of VPN throughput. 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 Check Point Security Management or Multi-Domain Security Management to remotely manage and apply a consistent security policy to hundreds of devices across the field offices.

FEATURES
- Software Blade architecture in a small form-factor
- New hardware optimized to address branch office network needs
- Flexible management options

BENEFITS
- Multi-layered protection against today's sophisticated cyber-threats
- Multiple network interfaces with optional wireless connectivity and ADSL2 connectivity to support any network deployment
- Multiple management options to address any organization's needs
  - Simplified web-based Local Management
  - Centralized with Check Point Security Management

GATEWAY SOFTWARE BLADES

	FW[1]	NGTP
Firewall	■	■
VPN	■	■
Advanced Networking & Clustering	■	■
Identity Awareness	■	■
Mobile Access[2]	■	■
IPS		■
Application Control		■
URL Filtering		■
Antivirus		■
Anti-spam		■
Anti-Bot[3]		■

FW: Firewall
NGTP: Next Generation Threat Prevention
[1] 1120 model only
[2] SSL VPN portal not supported
[3] Available in 2015

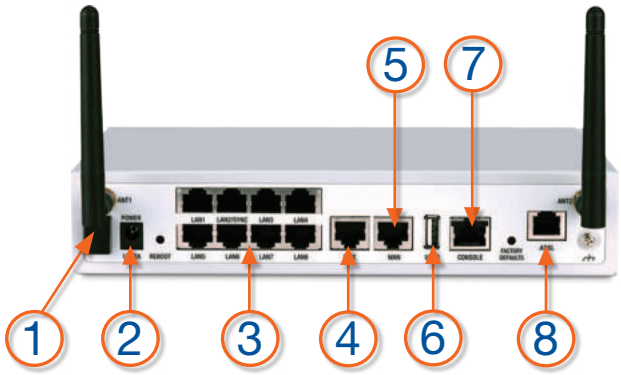
softwareblades™

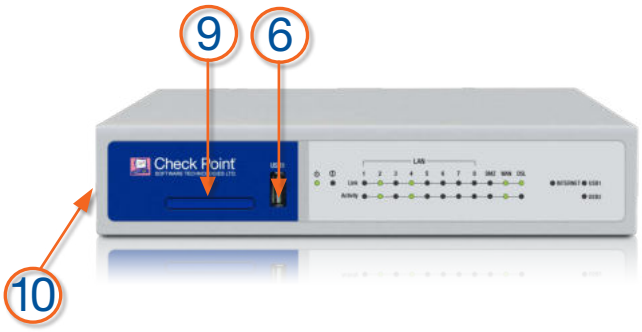
©2014 Check Point Software Technologies Ltd. All rights reserved.
Classification: [Protected] - All rights reserved

Check Point SOFTWARE TECHNOLOGIES LTD.
We Secure the Internet.

1100

1. 802.11b/g/n Wireless (Optional)
2. 12V power connector
3. 8 x 1 GbE LAN interfaces
4. 1 GbE DMZ interface
5. 1 GbE WAN interface
6. USB ports
7. RJ45 Console port
8. ADSL2 Modem port (optional)
9. PCI Express slot
10. SD Card slot (on side)





ENTERPRISE SECURITY IN A SMALL FORM-FACTOR

Best-in-class Integrated Firewall and IPS

1100 Appliances include the industry's most proven firewall technology, based on the same Check Point technology that secures the Fortune 100. Together with Check Point's proven IPS (rated "Recommend" by NSS); the 1100 Appliance ensures protection of remote sites from both known and unknown threats.

Next Generation Firewall Capabilities

Check Point's Application Control and URL Filtering Software Blades unify web site access control with application control for improved security and lower cost. Identify, allow, block or limit the use of thousands of applications, including Web 2.0 and social networking, regardless of port, protocol or evasive technique used to traverse the network. Combined with the Identity Awareness Software Blade, administrators can create granular policies to strike a balance between user application usage and security, productivity and resource utilization.

Secure Connectivity

Ensure secure communications between site-to-site and remote users with IPsec and SSL VPN. Offering multiple connectivity methods (including Check Point's VPN clients, SSL and mobile clients), The 1100 Appliances ensures secure connectivity wherever you go.

VPN Configuration for 1100 Appliance

Anti-Malware Dynamic Protection

The 1100 Appliance's enhanced Antivirus Software Blade uses real-time virus signatures and anomaly-based protections from ThreatCloud™, the first collaborative network to fight cybercrime, to detect and block malware at the gateway before users are affected.

Anti-Spam and Messaging Security

Check Point's Anti-Spam & Email Security Software Blade provides a comprehensive, multidimensional approach to protect the email infrastructure—providing highly accurate anti-spam protection and defending organizations from a wide variety of virus and malware threats delivered within email.

softwareblades™

©2014 Check Point Software Technologies Ltd. All rights reserved.
Classification: [Protected] - All rights reserved

BEST-IN-CLASS MANAGEMENT

Local Management

A simple Web-based management interface allows administrators to secure a small business in minutes. The setup wizard enables a pre-set security policy. Customize the device configuration and security policy with the web-based management interface. Monitor the device and security with easy-to-understand logs and reports.

Easy and Intuitive Local Management

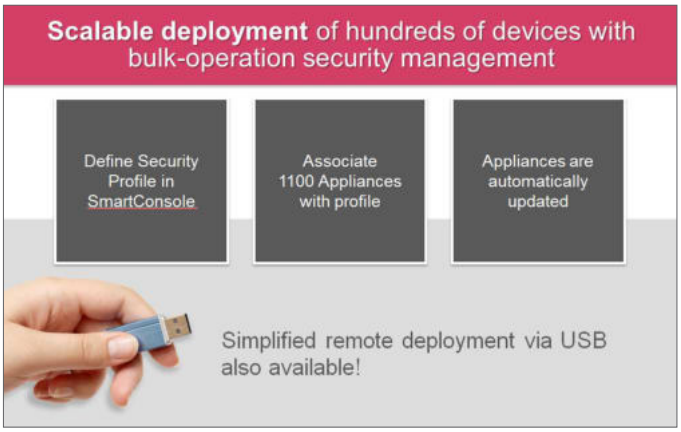
Central Management

Administrators can define security policy for the entire network—including internal security, main sites, and remote sites—from a single, centrally located Check Point Security Management server.

With SmartProvisioning™, a profile-based management approach designed for large-scale deployments, administrators can define a single security and device profile and apply it simultaneously to thousands of 1100 Appliances—dramatically reducing deployment time and administrative overhead.

It's as easy as 1, 2, 3.

1. Define Security Profile in SmartDashboard
2. Associate 1100 Appliances with the Profile
3. Appliances are Automatically updated



NEW OPTIMIZED HARDWARE

Ideal for Remote Office Networks

1100 Appliances are full-fledged network routers that include a LAN Switch and a dedicated DMZ and WAN port. The optional integrated ADSL2 modem eliminates the need for a separate external ADSL2 modem.

1100 Appliances also include a USB and PCI Express card slot that allows administrators to plug in a compatible third party 3G or 4G modem, providing an additional WAN connectivity or a redundant Internet link for maximum reliability.

Secure Wireless Connectivity

The 1100 Wireless Appliances include a WIFI access point (802.11b/g/n) that supports WEP, WPA and WPA2 authentication.

Embedded GAiA—The Unified Security OS

Check Point GAiA™ is the next generation Secure Operating System for all Check Point appliances, open servers and virtualized gateways. GAiA combines the best features from IPSO and SecurePlatform into a single unified OS providing greater efficiency and robust performance. GAiA secures IPv4 networks supporting complex network environments by supporting dynamic routing protocols like RIP, OSPF, BGP, PIM (sparse and dense mode) and IGMP.

©2014 Check Point Software Technologies Ltd. All rights reserved.
Classification: [Protected] - All rights reserved

Check Point SOFTWARE TECHNOLOGIES LTD.
We Secure the Internet.

	1120	1140	1180
Recommended Users			
With VPN and Firewall Only	Up to 20	Up to 50	Up to 100
With Next Generation Threat Prevention	Up to 10	Up to 25	Up to 50
Mobile Access (concurrent users)	5	10	20
Production Performance			
SecurityPower	28	34	37
Firewall Throughput (Mbps)	Up to 350[2]		
Firewall and IPS Throughput (Mbps)	Up to 30[2]		
RFC 3511, 2544, 2647, 1242 Performance Tests (LAB)			
Firewall, 1518 byte UDP (Mbps)	750	1,000	1,500
VPN, AES-128 (Mbps)	140	175	220
IPsec VPN Tunnels	980	980	980
IPS (Mbps)	50	67	100
Antivirus (Mbps)	50	67	100
Connections per Second, 64 byte HTTP response	5,000	5,000	5,000
Concurrent Connections, 64 byte HTTP response	200,000	200,000	200,000
Network			
1GbE LAN Interface	8	8	8
1GbE WAN Interface	1	1	1
1GbE DMZ Interface	1	1	1
ADSL2/ADSL2+ (Annex A or B)	Optional	Optional	Optional
802.11b/g/n Wireless	Optional	Optional	Optional
3G and 4G Modem Support	Yes	Yes	Yes
Additional Features			
USB Ports	2	2	2
PCI Express Slot	1	1	1
SD Memory Card Slot	1	1	1
Physical			
Enclosure	Desktop	Desktop	Desktop
Dimensions WxHxD (Metric)	22 x 4.4 x 15.24 cm		
Dimensions WxHxD (Standard)	8.75 x 1.75 x 6 in		
Weight	1.2 kg (2.65 lbs)		
Power			
AC Input	110 – 240 VAC, 50 – 60 Hz		
Power Supply Rating	12V/2A DC 24W (Wired Models) 12V/2.5A 30W (ADSL2 & Wireless Models)		
Power Consumption (Max)	16.68 W		
Thermal Input (Max)	56.9 BTU		
Certifications			
Safety	UL/c-UL 60950-1_2nd_2007(US+CA) IEC 60950-1_2nd_2005-CB		
Emissions	EMC: EN55022+24_2007-ITE FCC: FCC P15B+ICES-003-ITE		

[1] Recommended IPS Profile

[2] Sizing recommendation based on number of users

softwareblades™

©2014 Check Point Software Technologies Ltd. All rights reserved.
Classification: [Protected] - All rights reserved

Check Point SOFTWARE TECHNOLOGIES LTD.
We Secure the Internet.

ORDERING INFORMATION

Base System—1120 Firewall Bundle[1]	SKU
Check Point 1120 Appliances with 5 blades suite (including FW, VPN, ADNC, IA, MOB-5), Wired	CPAP-SG1120-FW
Check Point 1120 Appliances with 5 blades suite (including FW, VPN, ADNC, IA, MOB-5), WIFI WORLD	CPAP-SG1120-FW-W-WORLD
Check Point 1120 Appliances with 5 blades suite (including FW, VPN, ADNC, IA, MOB-5), WIFI FCCA	CPAP-SG1120-FW-W-FCCA
Check Point 1120 Appliances with 5 blades suite (including FW, VPN, ADNC, IA, MOB-5), WIFI MKKA	CPAP-SG1120-FW-W-MKKA
Check Point 1120 Appliances with 5 blades suite (including FW, VPN, ADNC, IA, MOB-5), ADSL annex A	CPAP-SG1120-FW-ADSL-A
Check Point 1120 Appliances with 5 blades suite (including FW, VPN, ADNC, IA, MOB-5), ADSL annex B	CPAP-SG1120-FW-ADSL-B
Check Point 1120 Appliances with 5 blades suite (including FW, VPN, ADNC, IA, MOB-5), ADSL annex A, WIFI WORLD	CPAP-SG1120-FW-W-ADSL-A-WORLD
Check Point 1120 Appliances with 5 blades suite (including FW, VPN, ADNC, IA, MOB-5), ADSL annex B, WIFI WORLD	CPAP-SG1120-FW-W-ADSL-B-WORLD
Check Point 1120 Appliances with 5 blades suite (including FW, VPN, ADNC, IA, MOB-5), ADSL annex A, WIFI FCCA	CPAP-SG1120-FW-W-ADSL-A-FCCA
Check Point 1120 Appliances with 5 blades suite (including FW, VPN, ADNC, IA, MOB-5), ADSL annex B, WIFI FCCA	CPAP-SG1120-FW-W-ADSL-B-FCCA
Base System—1120, 1140 and 1180 Threat Prevention Bundle[1,2]	
Check Point 11x0 NGTP Appliances (including FW, VPN, ADNC, IA, MOB-5 (1120) / MOB-10 (1140) / MOB-20 (1180), IPS, APCL, URLF, AV, ASPM), Wired	CPAP-SG11x0-NGTP
Check Point 11x0 NGTP Appliances (including FW, VPN, ADNC, IA, MOB-5 (1120) / MOB-10 (1140) / MOB-20 (1180), IPS, APCL, URLF, AV, ASPM), WIFI WORLD	CPAP-SG11x0-NGTP-W-WORLD
Check Point 11x0 NGTP Appliances (including FW, VPN, ADNC, IA, MOB-5 (1120) / MOB-10 (1140) / MOB-20 (1180), IPS, APCL, URLF, AV, ASPM), WIFI FCCA	CPAP-SG11x0-NGTP-W-FCCA
Check Point 11x0 NGTP Appliances (including FW, VPN, ADNC, IA, MOB-5 (1120) / MOB-10 (1140) / MOB-20 (1180), IPS, APCL, URLF, AV, ASPM), WIFI MKKA	CPAP-SG11x0-NGTP-W-MKKA
Check Point 11x0 NGTP Appliances (including FW, VPN, ADNC, IA, MOB-5 (1120) / MOB-10 (1140) / MOB-20 (1180), IPS, APCL, URLF, AV, ASPM), ADSL annex A	CPAP-SG11x0-NGTP-ADSL-A
Check Point 11x0 NGTP Appliances (including FW, VPN, ADNC, IA, MOB-5 (1120) / MOB-10 (1140) / MOB-20 (1180), IPS, APCL, URLF, AV, ASPM), ADSL annex B	CPAP-SG11x0-NGTP-ADSL-B
Check Point 11x0 NGTP Appliances (including FW, VPN, ADNC, IA, MOB-5 (1120) / MOB-10 (1140) / MOB-20 (1180), IPS, APCL, URLF, AV, ASPM), ADSL annex A, WIFI WORLD	CPAP-SG11x0-NGTP-W-ADSL-A-WORLD
Check Point 11x0 NGTP Appliances (including FW, VPN, ADNC, IA, MOB-5 (1120) / MOB-10 (1140) / MOB-20 (1180), IPS, APCL, URLF, AV, ASPM), ADSL annex B, WIFI WORLD	CPAP-SG11x0-NGTP-W-ADSL-B-WORLD
Check Point 11x0 NGTP Appliances (including FW, VPN, ADNC, IA, MOB-5 (1120) / MOB-10 (1140) / MOB-20 (1180), IPS, APCL, URLF, AV, ASPM), ADSL annex A, WIFI FCCA	CPAP-SG11x0-NGTP-W-ADSL-A-FCCA
Check Point 11x0 NGTP Appliances (including FW, VPN, ADNC, IA, MOB-5 (1120) / MOB-10 (1140) / MOB-20 (1180), IPS, APCL, URLF, AV, ASPM), ADSL annex B, WIFI FCCA	CPAP-SG11x0-NGTP-W-ADSL-B-FCCA
Software Blades Renewal Packages[1,2]	
Next Generation Threat Prevention Blades Package for 1 year for 1120 Appliance (IPS, APCL, URLF, AV, ASPM)	CPSB-NGTP-1120-1Y
Next Generation Threat Prevention Blades Package for 1 year for 1140 Appliance (IPS, APCL, URLF, AV, ASPM)	CPSB-NGTP-1140-1Y
Accessories	
1100 Appliance rack shelf mount kit	CPAC-1100-RM

[1] Two and three year SKUS are also available. See the online Product Catalog

[2] Substitute the appliance model number for x, e.g. CPAP-SG11x0-TP becomes CPAP-SG1180-TP when ordering

CONTACT CHECK POINT

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

U.S. Headquarters
959 Skyway Road, Suite 300, San Carlos, CA 94070 | Tel: 800-429-4391; 650-628-2000 | Fax: 650-654-4233 | www.checkpoint.com

©2014 Check Point Software Technologies Ltd. All rights reserved.

December 1, 2014