

WELCOME TO THE FUTURE OF CYBER SECURITY

# 1500 SECURITY GATEWAYS



## Secure. Powerful. Simple.

Check Point Small Business Appliances are high performance, integrated devices offering firewall, VPN, antivirus, application visibility and control, URL filtering, email security and SandBlast Zero-Day Protection, all in compact form factors that are simple to configure and manage.



## Empowering Small and Midsize businesses with Enterprise Grade Security

### SECURE

100% block rate,  
recommended by NSS for  
prevention, powered by R80

### POWERFUL

2x more performance with up to  
4 Gbps Firewall and 660 Mbps  
of full Threat Prevention

### SIMPLE

Out-of-the-box Zero Touch  
provisioning, mobile app for  
security on the go and a  
unified management portal

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## SPOTLIGHT

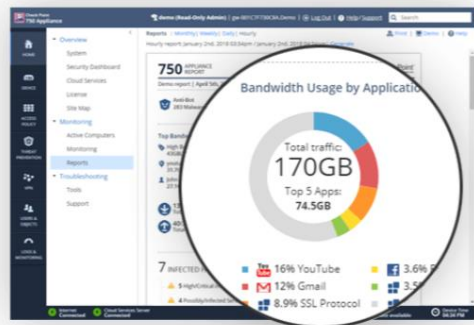
### Advanced security, uncompromising performance

The Check Point 1500 Security Appliance family delivers enterprise-grade security in a series of simple and affordable, all-in-one security solutions to protect small business employees, networks and data from cyber-theft.

The 1500 Security Gateways offer integrated, multi-layered security in a compact desktop form factor. Setup can be done in minutes using pre-defined security policies and our step-by-step configuration wizard. Check Point 1500 Security Gateways are conveniently manageable both locally via a Web interface and centrally by means of a cloud-based Check Point Security Management Portal (SMP) or R80 Security Management.

#### Comprehensive Protection

- ❖ Next Generation Firewall
- ❖ Site-to-Site VPN
- ❖ Remote Access VPN
- ❖ Application Control and Web Filtering
- ❖ IoT Device Recognition
- ❖ Intrusion Prevention
- ❖ Antivirus
- ❖ Anti-Bot
- ❖ Anti-Spam
- ❖ SandBlast Threat Emulation (sandboxing)



#### Simple, Intuitive Monitoring and Reporting

The web interface shows logs, active computers, and hourly, daily, weekly and monthly reports. In network analysis find top applications and users consuming the most bandwidth. Security analysis shows users visiting high-risk sites and using high-risk applications. Also see any incidents or infected hosts found during the reporting period.

#### R80 Software for SMB Appliances

R80 software for SMB on the 1500 increases performance and brings enterprise-grade security to small and medium size businesses. Centrally managed 1500 gateways support:

- Unified access policy: firewall, application control, URLF
- Policy layers and sub-policies
- Acceleration of Domain, Dynamic and Time objects
- Multicore VPN and VPN acceleration



## STEP UP TO 5TH GENERATION CYBER SECURITY

Gen V security leaves the patch work and best-of-breed deployments of the past behind. Instead, it's characterized by an architecture that unifies all networks, cloud, and mobile, and supported by real time threat intelligence.



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## WatchTower Security Management App

The intuitive mobile app provides real-time monitoring of network events, alerts you when your network is at risk, enables you to quickly block security threats, and configure the security policy for multiple gateways.

### Network security snapshot

- View devices connected to your network and any potential security threats

### Real-time security alerts

- Real-time notification of malicious attacks or unauthorized device connections

### On-the-spot threat mitigation

- Quickly block malware-infected devices and view infection details for further investigation

### Customized security event notifications

- Customize notifications for your top-priority security events

### Network security event feed

- View all security events by category and drill down for further information

### Network statistic reports and charts

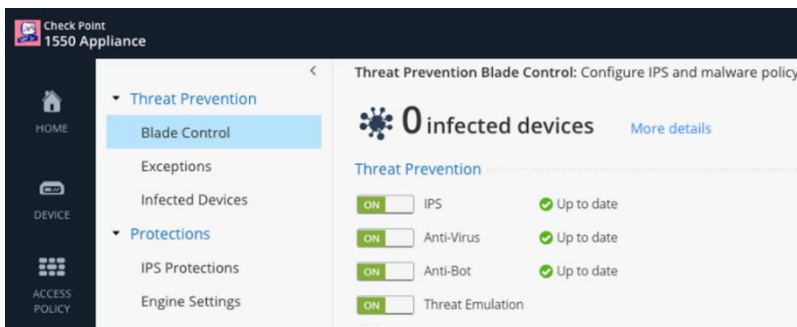
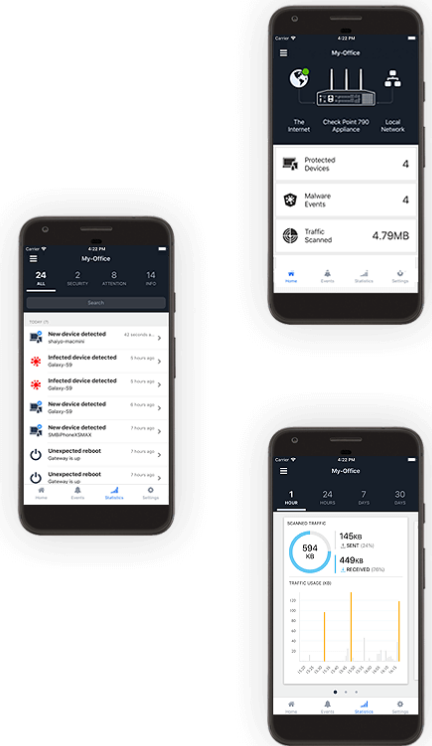
- Gain insights on network usage patterns

### Easily manage multiple gateways

- Configure the security settings for multiple gateways

### Advanced policy configuration

- Manage advanced security policy settings securely via a web interface



### New Threat Prevention Control

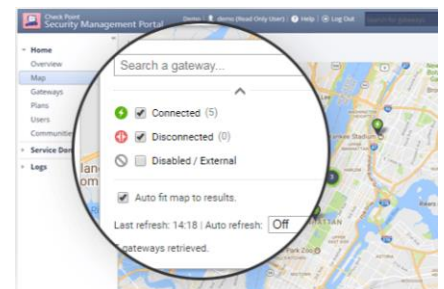
The Unified Threat Prevention policy is easy and intuitive to set and control.

### New SSL Inspection Enforcement

R80 for SMB simultaneously supports light SSL and full SSL inspection. Additional ciphers support improves HTTPS inspection.

## Zero-touch Deployment, Cloud Management

An intuitive web-based user interface, enables managed service providers to provision security efficiently for small businesses. In addition cloud-hosted Security Management Portal scales to manage over 100,000 Check Point Small Business Appliances. End users can leave security to a managed service provider (MSP) so they can focus on growing their own business.



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**1550 (Wi-Fi model)**

- 1 802.11n/ac wireless (optional)
- 2 USB port
- 3 5x 1GbE LAN switch
- 4 1x 1GbE WAN interface
- 5 Power button
- 6 USB-C Console port
- 7 12V power connector



1550	
<b>Enterprise Testing Conditions</b>	
Threat Prevention (Mbps) <sup>1</sup>	450
Next Generation Firewall (Mbps) <sup>2</sup>	800
IPS Throughput (Mbps)	900
Firewall Throughput (Mbps)	1,000
<b>RFC 3511, 2544, 2647, 1242 Performance (LAB)</b>	
Firewall 1518 Byte UDP Packets (Mbps)	2,000
VPN AES-128 Throughput (Mbps)	1,300
Connections per Second	14,000
Concurrent Connections	500,000
<b>Software</b>	
Security	Firewall, VPN, User Awareness, QoS, Application Control, URL Filtering, IPS, Anti-Bot, Antivirus, Anti-Spam and SandBlast Threat Emulation (sandboxing)
Unicast, Multicast Routing	OSPFv2, BGPv4 and 4++, RIP, PIM (SM, DM, SSM), IGMP
Mobile Access License (Users)	100
<b>Hardware</b>	
WAN Port	1x 10/100/1000Base-T RJ-45 port
LAN Ports	5x 10/100/1000Base-T RJ-45 ports
Wi-Fi (optional)	802.11 b/g/n/ac MIMO 3x3
Radio Band (association rate)	3x3 Dual band 2.4/5GHz, 11n/ac non-concurrent
Radio Band (association rate)	One radio band non-concurrent: 2.4GHz (max 450 Mbps) or 5GHz (max 1,300 Mbps)
Console Port	1x USB-C
USB Port	1x USB 3.0
<b>Dimensions</b>	
Enclosure	Desktop, wall mount
Dimensions (W x D x H)	210 x 160 x 37.5 mm, 8.3 x 6.3 x 1.5 in.
Weight	0.43 kg (0.95 lbs.)
<b>Environment</b>	
Operating / Storage	0°C ~ 40°C / -45°C ~ 60°C (5~95%, non-condensing)
<b>Power Requirements</b>	
AC Input	110 – 240VAC, 50 – 60 Hz
Power Supply Rating	12V/3.3A 40W power adapter
Power Consumption (Max)	17.92 (non-Wi-Fi); 21.95W (Wi-Fi)
Heat Dissipation	61.11(non-Wi-Fi); 74.85(Wi-Fi)
<b>Certifications</b>	
Safety/Emissions/Environment	UL/c-UL 62368-1 , IEC 62368-1 CB / EMC, EMI EN55024, EN55032 Class B, VCCI, AS, NZS CISPR 32, IC ICES 03, RSS247, FCC: Part 15 Class B, C, E / RoHS, REACH, WEEE

1. Includes Firewall, Application Control, URL Filtering, IPS, Antivirus, Anti-Bot, SandBlast Zero-Day Protection 2. Includes Firewall, Application Control, IPS

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**1590 (Wi-Fi model)**

- 1 802.11n/ac (Wi-Fi option)
- 2 8x 1GbE LAN switch
- 3 1x 1GbE copper/fiber DMZ port
- 4 1x 1GbE WAN port
- 5 USB 3.0 port
- 6 USB-C console port
- 7 12V power connector



1590	
<b>Enterprise Testing Conditions</b>	
Threat Prevention (Mbps) <sup>1</sup>	660
Next Generation Firewall (Mbps) <sup>2</sup>	1,300
IPS Throughput (Mbps)	1,400
Firewall Throughput (Mbps)	1,800
<b>RFC 3511, 2544, 2647, 1242 Performance (LAB)</b>	
Firewall 1518 Byte UDP Packets (Mbps)	4,000
VPN AES-128 Throughput (Mbps)	2,600
Connections per Second	21,000
Concurrent Connections	500,000
<b>Software</b>	
Security	Firewall, VPN, User Awareness, QoS, Application Control, URL Filtering, IPS, Anti-Bot, Antivirus, Anti-Spam and SandBlast Threat Emulation (sandboxing)
Unicast, Multicast Routing	OSPFv2, BGPv4 and 4+, RIP, PIM (SM, DM, SSM), IGMP
Mobile Access License (Users)	200
<b>Hardware</b>	
WAN Port	1x 10/100/1000Base-T RJ-45 port
DMZ Port	1x 10/100/1000Base-T RJ-45 / 1x 1000BaseF SFP port (transceiver not included)
LAN Ports	8x 10/100/1000Base-T RJ-45 ports
Wi-Fi (optional)	802.11 b/g/n and 802.11 n/ac wave II MIMO 4x4
Radio Band (association rate)	Two radio bands concurrent: 2.4GHz (max 450 Mbps) and 5GHz (max 1,700 Mbps)
Console Port	1x USB-C
USB Port	1x USB 3.0
SD Card Slot	Micro-SD slot
<b>Dimensions</b>	
Enclosure	Desktop
Dimensions (W x D x H)	210 x 170 x 42 mm, 8.3 x 6.7 x 1.7 in.
Weight	0.87 kg (1.9 lbs.)
<b>Environment</b>	
Operating / Storage	0°C ~ 40°C / -45°C ~ 60°C (5~95%, non-condensing)
<b>Power Requirements</b>	
AC Input	110 – 240VAC, 50 – 60 Hz
Power Supply Rating	12V/3.3A 40W power adapter (non-Wi-Fi), 12V/5A 60W power adapter (Wi-Fi)
Power Consumption (Max)	26.01 (non-Wi-Fi); 31.28W (Wi-Fi)
Heat Dissipation	88.70(non-Wi-Fi); 100.66(Wi-Fi)
<b>Certifications</b>	
Safety / Emissions / Environment	UL/c-UL 62368-1, IEC 62368-1 CB / EMC, EMI EN55024, EN55032 Class B, VCCI, AS, NZS CISPR 32, IC ICES 03, RSS247, FCC: Part 15 Class B,C,E / RoHS, REACH, WEEE

1. Includes Firewall, Application Control, URL Filtering, IPS, Antivirus, Anti-Bot, SandBlast Zero-Day Protection 2. Includes Firewall, Application Control, IPS

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## ORDERING INFORMATION

SECURITY APPLIANCE	
1550 Security Appliance	CPAP-SG1550
1550 Wireless Security Appliance	CPAP-SG1550W-xx
1590 Security Appliance	CPAP-SG1590
1590 Wireless Security Appliance	CPAP-SG1590W-xx
SECURITY APPLIANCE, SUPPORT AND SERVICES BUNDLE <sup>1</sup>	
1550 Security Appliance with NGTP subscription package and Direct Premium support for 3 years	CPAP-SG1550-NGTP-SS-PREM-3Y
1550 Wireless Security Appliance with NGTP subscription package and Direct Premium support for 3 years	CPAP-SG1550W-xx-NGTP-SS-PREM-3Y
1590 Security Appliance with NGTP subscription package and Direct Premium support for 3 years	CPAP-SG1590-NGTP-SS-PREM-3Y
1590 Wireless Security Appliance with NGTP subscription package and Direct Premium support for 3 years	CPAP-SG1590W-xx-NGTP-SS-PREM-3Y
1550 Security Appliance with NGTX subscription package and Direct Premium support for 3 years	CPAP-SG1550-NGTX-SS-PREM-3Y
1550 Wireless Security Appliance with NGTX subscription package and Direct Premium support for 3 years	CPAP-SG1550W-xx-NGTX-SS-PREM-3Y
1590 Security Appliance with NGTX subscription package and Direct Premium support for 3 years	CPAP-SG1590-NGTX-SS-PREM-3Y
1590 Wireless Security Appliance with NGTX subscription package and Direct Premium support for 3 years	CPAP-SG1590W-xx-NGTX-SS-PREM-3Y
WI-FI REGIONS (replace -xx in the SKU to specify the Wi-Fi region)	
USA, Canada	change -xx to -US
Europe	change -xx to -EU
Japan	change -xx to -JP
Australia, Argentina	change -xx to -AU
Israel	change -xx to -IL
China	change -xx to -CN
India, Chile	change -xx to -IN
New Zealand	change -xx to -NZ
Latin America, Singapore, Hong Kong, Thailand, Sri-Lanka	change -xx to -LA

<sup>1</sup> SKUs for 5 years are available; NGTP includes IPS, Application Control, URL Filtering, Antivirus, Anti-Bot, Anti-Spam; NGTX includes NGTP and Threat Emulation (sandboxing).

## EXTEND YOUR SOLUTION

ADDITIONAL SOFTWARE BLADES <sup>1</sup>	
Mobile Access Blade for 50 concurrent connections	CPSB-MOB-50

<sup>1</sup> The base packages include a license for 100 (1550) and 200 (1590) concurrent Mobile Access Blade users. The MOB license is additive.

ACCESSORIES	
SFP Short range transceiver (for the DMZ 1000BaseF port)	CPAC-TR-1SX
SFP Long range transceiver (for the DMZ 1000BaseF port)	CPAC-TR-1LX
SD memory card 32 GB	CPAC-1500-32GB-SD
SD memory card 64 GB	CPAC-1500-64GB-SD
1590 Rack Mount Kit (ears)	CPAC-1590-RM-KIT
Replacement Wi-Fi Antenna	CPAC-1500-WIFI-ANTENNA
Replacement 40W AC Power Supply for 1550 and non-Wi-Fi 1590	CPAC-1550-PSU
Replacement 60W AC Power Supply for 1590 Wi-Fi	CPAC-1590-PSU

CONTACT US

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