

# CHECK POINT 2200 APPLIANCE



## CHECK POINT 2200 APPLIANCE

Branch and small office security

### Product Benefits

- All-inclusive security appliance
- Simplify administration with a single integrated management console
- Ensures data security with VPN
- Extensible with Software Blade Architecture

### Product Features

- 121 SecurityPower™
- 1.4 Gbps production firewall throughput
- 150 Mbps production IPS throughput
- 6 10/100/1000Base-T ports
- Desktop form factor

## INSIGHTS

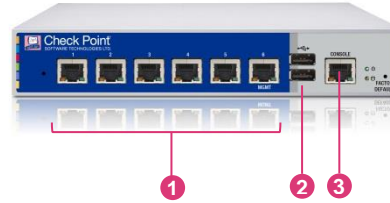
Today the enterprise gateway is more than a firewall. It is a security device presented with an ever-increasing number of sophisticated threats. As an enterprise security gateway it must use multiple technologies to control network access, detect sophisticated attacks and provide additional security capabilities like data loss prevention and protection from web-based threats. The proliferation of mobile devices like smartphones and Tablets and new streaming, social networking and P2P applications requires a higher connection capacity and new application control technologies. Finally, the shift towards enterprise private and public cloud services, in all its variations, changes the company borders and requires enhanced capacity and additional security solutions.

## SOLUTION

The Check Point 2200 Appliance delivers everything you need to secure branch and small offices in one appliance. The 2200 combines fast networking technologies with high performance multi-core capabilities - providing the highest level of security without compromising on network speeds to keep your data, network and employees secure.

The Check Point 2200 Appliance is a compact desktop box using multi-core technology. The 2200 offers six onboard 1 Gigabit copper Ethernet ports for high network throughput. Despite its small form factor, this powerful appliance provides a respectable 121 SecurityPower Units, real-world firewall throughput of 1.4 Gbps and real-world IPS throughput of 150 Mbps, enabling security for small branch offices, providing an effective and affordable all-in-one security solution.

- 2200**
- 1 6x10/100/1000Base-T ports
  - 2 USB ports for ISO installation
  - 3 Console port



## ALL-INCLUSIVE SECURITY SOLUTIONS

The Check Point 2200 Appliances offer a complete and consolidated security solution available in four Next Generation Security Software Blade packages.

**Firewall (FW):** create user-based policy and secure connections to corporate networks with IPsec VPN.

**Next Generation Firewall (NGFW):** identify and control applications by user and scan content to stop threats.

**Next Generation Data Protection (NGDP):** preemptively protect sensitive information from unintentional loss and educate users on proper data handling policy in real-time.

**Next Generation Threat Prevention (NGTP):** prevent sophisticated cyber-threats with IPS, Application Control, Antivirus, Anti-Bot, URL Filtering and Email Security.

**Next Generation Threat Extraction (NGTX):** advanced next-gen zero-day threat prevention, NGTP with Threat Emulation and Threat Extraction.

## PREVENT UNKNOWN THREATS

Check Point provides complete zero-day threat prevention and alerts when under attack. Threat Extraction delivers zero-malware documents in zero seconds. Threat Emulation inspects files for malicious content in a virtual sandbox. When Threat Emulation discovers new threats, a signature is sent to the Check Point ThreatCloud database which documents and shares information on the newly identified malware with other Check Point customers — providing immediate protection against zero-day threats.

## INTEGRATED SECURITY MANAGEMENT

The appliance can either be managed locally with its available integrated security management or via central unified management. Using local management, the appliance can manage itself and one adjacent appliance for high availability purposes.

## REMOTE ACCESS CONNECTIVITY

Each appliance arrives with mobile access connectivity for 5 users, using the Mobile Access Blade. This license enables secure remote access to corporate resources from a wide variety of devices including smartphones, tablets, PCs, Mac and Linux.

## GAIA—A UNIFIED SECURE OS

Check Point GAIa™ is the next generation Secure Operating System for all Check Point appliances, open servers and virtualized gateways. GAIa secures IPv4 and IPv6 networks utilizing the Check Point Acceleration & Clustering technology and it protects the most complex network environments by supporting dynamic routing protocols like RIP, OSPF, BGP, PIM (sparse and dense mode) and IGMP. As a 64-Bit OS, GAIa increases the connection capacity of select appliances.

GAIa simplifies management with segregation of duties by enabling role-based administrative access. Furthermore, GAIa greatly increases operation efficiency by offering Automatic Software Updates. The intuitive and feature-rich Web interface allows for instant search of any commands or properties.

## SPECIFICATIONS

### PERFORMANCE

#### Production Performance<sup>1</sup>

- 121 SecurityPower
- 1.4 Gbps firewall throughput
- 150 Mbps firewall and IPS throughput

#### RFC 3511, 2544, 2647, 1242 PERFORMANCE (LAB)

- 3 Gbps firewall, 1518 byte UDP
- 400 Mbps VPN, AES-128
- 20,000 max IPsec VPN tunnels
- 300 Mbps IPS, Recommended IPS profile, IMIX traffic
- blend
- 1.2 million concurrent connections, 64 byte HTTP response
- 25,000 connections per second, 64 byte HTTP response

### EXPANSION OPTIONS

#### Base Configuration

- 6 x 10/100/1000Base-T RJ45 ports
- 250 GB hard disk drive
- External AC to DC power adaptor

#### Virtual Systems

- Max VSs: 3

### NETWORK

#### Network Connectivity

- IPv4 and IPv6
- 1024 interfaces or VLANs per system
- 4096 interfaces per system (in Virtual System mode)
- 802.3ad passive and active link aggregation
- Layer 2 (transparent) and Layer 3 (routing) mode

### CLUSTERING

#### High Availability

- Active/Active - L3 mode
- Active/Passive - L3 mode
- Session synchronization for firewall and VPN
- Session failover for routing change
- Device failure detection
- Link failure detection
- ClusterXL or VRRP

### PHYSICAL

#### Power Requirements

- AC Input Voltage: 100 - 240V
- Frequency: 50 - 60 Hz
- Single Power Supply Rating: 40 W
- Power Consumption Maximum: 35 W
- Maximum thermal output: 119.4 BTU

#### Dimensions

- Enclosure: Desktop
- Standard (W x D x H): 8.27 x 8.25 x 1.65 in.
- Metric (W x D x H): 210 x 209.5 x 42 mm
- Weight: 2.0 kg (4.4 lbs.)

#### Operating Environmental Conditions

- Temperature: 32° to 104°F / 0° to 40°C
- Humidity: 20%-90% (non-condensing)

#### Storage Conditions

- Temperature: -4° to 158°F / -20° to 70°C
- Humidity: 5% to 95% @60°C

#### Certifications

- Safety: CB, UL/cUL, CSA, TUV, NOM, CCC, IRAM, PCT/GoST
- Emissions: FCC, CE, VCCI, C-Tick, CCC, ANATEL, KCC
- Environmental: RoHS

<sup>1</sup>Check Point's SecurityPower is a new benchmark metric that allows customers to select security appliances by their capacity to handle real-world network traffic, multiple security functions and a typical security policy.

## APPLIANCE PACKAGES

BASE CONFIGURATION <sup>1</sup>	
2200 Appliance (with FW, VPN, IA, ADNC, and MOB-5 Blades) bundled with local management for up to 2 gateways	CPAP-SG2205
2200 Next-Gen Firewall (with FW, VPN, ADNC, IA, MOB-5, IPS and APCL) bundled with local management for up to 2 gateways	CPAP-SG2200-NGFW
2200 Next-Gen Data Protection (with FW, VPN, ADNC, IA, MOB-5, IPS, APCL, and DLP) bundled with local management for up to 2 gateways	CPAP-SG2200-NGDP
2200 Next-Gen Threat Prevention (with FW, VPN, ADNC, IA, MOB-5, IPS, APCL, URLF, AV, ABOT and ASPM) bundled with local management for up to 2 gateways	CPAP-SG2200-NGTP
2200 Next-Gen Threat Extraction (with FW, VPN, ADNC, IA, MOB-5, IPS, APCL, URLF, AV, ABOT, ASPM, TE and TEX) bundled with local management for up to 2 gateways	CPAP-SG2200-NGTX

<sup>1</sup> High Availability (HA) and SKUs for 2 and 3 years are available, see the online Product Catalog

## SOFTWARE BLADE PACKAGES

SOFTWARE BLADE PACKAGES <sup>1</sup>	
2200 Next-Gen Firewall Software Blade package for 1 year (IPS and APCL)	CPSB-NGFW-2200-1Y
2200 Next-Gen Data Protection Software Blade package for 1 year (IPS, APCL, and DLP)	CPSB-NGDP-2200-1Y
2200 Next-Gen Threat Prevention Software Blade package for 1 year (IPS, APCL, URLF, AV, ABOT and ASPM)	CPSB-NGTP-2200-1Y
2200 Next-Gen Threat Extraction Software Blade package for 1 year (IPS, APCL, URLF, AV, ABOT, ASPM, TE and TEX)	CPSB-NGTX-2200-1Y

SOFTWARE BLADES <sup>1</sup>	
Check Point Mobile Access Blade for 50 concurrent connections	CPSB-MOB-50
Data Loss Prevention Blade for 1 year (for up to 500 users, up to 15,000 mails per hour and max throughput of 700 Mbps)	CPSB-DLP-500-1Y
Check Point IPS blade for 1 year	CPSB-IPS-S-1Y
Check Point Application Control blade for 1 year	CPSB-APCL-S-1Y
Check Point URL Filtering blade for 1 year	CPSB-URLF-S-1Y
Check Point Antivirus Blade for 1 year	CPSB-AV-S-1Y
Check Point Anti-Spam & Email Security Blade for 1 year	CPSB-ASPM-S-1Y
Check Point Anti-Bot blade for 1 year - for ultra-high-end appliances and pre-defined systems	CPSB-ABOT-S-1Y

<sup>1</sup> SKUs for 2 and 3 years are available, see the online Product Catalog

VIRTUAL SYSTEM PACKAGES	
3 Virtual Systems package	CPSB-VS-3
3 Virtual Systems package for HA/VSLs	CPSB-VS-3-VSLs

## ACCESSORIES

SPARES AND MISCELLANEOUS	
Replacement DC Power Supply for 2200 appliance	CPAC-PSU-2200
2200 Single Rack Mount Kit	CPAC-RM-2200

### CONTACT US

**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