WELCOME TO THE FUTURE OF CYBER SECURITY

# **15400** SECURITY GATEWAY



End Of Sale
December 31st 2020

**The Check Point 15400 Next Generation Firewall is designed for high performance, reliability and uncompromised security to combat even the most sophisticated 5th generation threats, making it ideal for large enterprises and data center environments.**

## The Most Advanced Threat Prevention

Protection from unknown threats and zero-day attacks

## Full Security Uncompromising Performance

Highly optimized with up to 6.4 Gbps of threat prevention throughput

## Designed to Secure Encrypted Traffic

Powerful platforms for inspection of SSL traffic

## PERFORMANCE HIGHLIGHTS

| Gen II Security Firewall | Gen III Security NGFW[1] | Gen V Security Threat Prevention + SandBlast[2] |
|---|---|---|
| 33.5 Gbps | 7.6 Gbps | 6.4 Gbps |

Performance measured with enterprise testing conditions. Additional performance details on page 4. 1: Includes Firewall, Application Control, and IPS. 2: Includes Firewall, Application Control, URL Filtering, IPS, Antivirus, Anti-Bot and SandBlast Zero-Day Protection.

## Check Point
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# 15400

## Data center grade security, performance and reliability

The Check Point 15400 Next Generation Security Gateway combines the most comprehensive security protections with data center grade hardware to maximize uptime while safeguarding enterprise and data center networks.

The 15400 is a 2U Next Generation Security Gateway with three I/O expansion slots for high port capacity, redundant AC or DC power supplies and fans, an optional 2x 1TB (HDD) or 2x 480GB (SSD) RAID1 disk array, and Lights-Out Management (LOM) for remote management. If you're ready for 25, 40, or 100 GbE, so is the 15400 Next Generation Security Gateway with the 40 and 100/25 GbE IO card options.

# Key Features & Benefits

Advanced Threat Prevention ……. 1$^{st}$ time prevention of known and zero-day threats

Uncompromising Performance…. Achieve up to 6.4 Gbps of threat prevention throughput

Secure Encrypted Traffic ………... Consolidate SSL inspection into one integrated security platform

## CHECK POINT
# INFINITY

## THE CYBER SECURITY ARCHITECTURE OF THE FUTURE

**Enterprise and Data Center Security Gateways**

### ONE SECURITY PLATFORM

Leveraging unified threat intelligence and open interfaces

### REAL-TIME THREAT PREVENTION

Blocking the most sophisticated attacks before they infiltrate the network

### CONSOLIDATED MANAGEMENT

Single management, modular policy management and integrated threat visibility

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# SPOTLIGHT

## 15400 SECURITY GATEWAY

1. Graphic LCD display
2. 2 x 1 TB (HDD) or 2x 480GB (SSD) RAID1
3. Three network card expansion slots
4. USB ports for ISO installation
5. Console port
6. Lights-Out Management port
7. Sync 10/100/1000Base-T RJ45
8. Management 10/100/1000Base-T RJ45

**Prevent Known and Zero-day Threats**
Zero-day protection offering network security with evasion-resistant malware detection and complete protection from the most advanced attacks, ensuring quick delivery of safe content to users.

**Check Point SandBlast™ NETWORK**

**All-inclusive Security Solutions**
Check Point 15400 Next Generation Security Gateway offers a complete and consolidated security solution available in two complete packages:
- ❖ Threat Prevention
- ❖ Threat Prevention + SandBlast

**Inclusive High Performance Package**
Purchase the affordable High Performance Package (HPP). This includes the base system plus one 4x 10GbE SFP+ interface cards, transceivers, 2x 1TB (HDD) or 2x 480GB (SSD) storage and 24 GB of memory for high connection capacity.

**100, 40 and 25 GbE Connectivity**
If you're ready to move from 10 to 25, 40 or 100 GbE, so is the 15400 Next Generation Security Gateway. The 15400 Security Gateway lets you connect your 10 GbE server uplinks to your core network.

## DATA CENTER GRADE PLATFORM

| | | 1 GbE | 10 GbE | 40 GbE | 100/25 GbE | Memory | Redundant Storage | Redundant Power | LOM |
|---|---|---|---|---|---|---|---|---|---|
| **15400** | Base | 10 | 2 | 0 | 0 | 8 GB | ○ | ● | ● |
| | HPP | 10 | 6 | 0 | 0 | 24 GB | ● | ● | ● |
| | Maximums | 26 | 12 | 6 | 6 | 64 GB | ● | ● | ● |

○ this is optional

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## Performance

### Enterprise Testing Conditions

- 6.4 Gbps of Threat Prevention[1]
- 7.6 Gbps of NGFW[2]
- 8 Gbps IPS
- 33.5 Gbps of firewall throughput

### Ideal Testing Conditions

- 58 Gbps of UDP 1518 byte packet firewall throughput
- 10.8 Gbps of AES-128 VPN throughput
- 210,000 connections per second, 64 byte response[3]
- 3.2/6.4/25.6M concurrent connections, 64 byte response[3]

1: Includes Firewall, Application Control, URL Filtering, IPS, Antivirus, Anti-Bot and SandBlast Zero-Day Protection. 2: Includes Firewall, Application Control and IPS. 3: Performance measured with default/HPP/maximum memory with R80.10.

## Additional Features

### Highlights

- 1x CPUs, 8x physical cores, 16x virtual cores (total)
- 1x 1TB HDD or 480GB SSD storage (2x RAID1 option)
- 8, 24 and 64 GB memory options
- Lights-Out-Management card is Included
- Virtual Systems (base/HPP/max mem): 10/40/40

### Network Expansion Slot Options (1 of 3 slots open)

- 8x 10/100/1000Base-T RJ45 port card, up to 24 ports
- 4x 1000Base-F SFP port card, up to 12 ports
- 4x 10GBase-F SFP+ port card, up to 12 ports
- 2x 40G QSFP+ port card, up to 6 ports
- 2x 100/25G QSFP28 port card, up to 6 ports

### Fail-Open/Bypass Network Options

- 4x 10/100/1000Base-T RJ45 port card
- 2x 10GBase-F SFP+ port card

## Content Security

### First Time Prevention Capabilities

- CPU-level, OS-level and static file analysis
- File disarm and reconstruction via Threat Extraction
- Average emulation time for unknown files that require full sandbox evaluation is under 100 seconds
- Maximal file size for Emulation is 100 MB
- Emulation OS Support: Windows XP, 7, 8.1, 10

### Applications

- Use 8,000+ pre-defined or customize your own applications
- Accept, prevent, schedule, and apply traffic-shaping

### Data Loss Prevention

- Classify 700+ pre-defined data types
- End user and data owner incident handling

## Content Security (continued)

### Dynamic User-based Policy

- Integrates with Microsoft AD, LDAP, RADIUS, Cisco pxGrid, Terminal Servers and with 3rd parties via a Web API
- Enforce consistent policy for local and remote users on Windows, macOS, Linux, Android and Apple iOS platforms

## Network

### Network Connectivity

- Total physical and virtual (VLAN) interfaces per appliance: 1024/4096 (single gateway/with virtual systems)
- 802.3ad passive and active link aggregation
- Layer 2 (transparent) and Layer 3 (routing) mode

### High Availability

- Active/Active L2, Active/Passive L2 and L3
- Session failover for routing change, device and link failure
- ClusterXL or VRRP

### IPv6

- NAT66, NAT64, NAT46
- CoreXL, SecureXL, HA with VRRPv3

### Unicast and Multicast Routing (see SK98226)

- OSPFv2 and v3, BGP, RIP
- Static routes, Multicast routes
- Policy-based routing
- PIM-SM, PIM-SSM, PIM-DM, IGMP v2, and v3

## Physical

### Power Requirements

- Single Power Supply rating: AC(550W), DC(800W)
- AC power input: 90 to 264V (47-63Hz)
- DC input current: -40.5V/24A -48V/19.2A, -60V/16.0A
- Power consumption avg/max AC111.9/263W,AC225.2/258W
- Maximum thermal output: 897.4 BTU/hr.

### Dimensions

- Enclosure: 2RU
- Dimensions (WxDxH): 17.4x20.84x3.5 in. (442x529x88mm)
- Weight: 31.5 lbs. (14.3 kg)

### Environmental Conditions

- Operating: 0° to 40°C, humidity 5% to 95%
- Storage: –20° to 70°C, humidity 5% to 95% at 60°C

### Certifications

- Safety: UL, CB, CE, TUV GS
- Emissions: FCC, CE, VCCI, RCM/C-Tick
- Environmental: RoHS, WEEE, REACH[1], ISO14001[1]

1. factory certificate

![Check Point Software Technologies Ltd.]

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# ORDERING 15400 SECURITY GATEWAYS

| BASE CONFIGURATION [1] | SKU |
|---|---|
| 15400 Next Generation Security Gateway Base Configuration, includes 10x1GbE copper ports, 2 10GbE SFP+ ports + 2 SR transceivers, 8GB RAM, 1 HDD, 2 AC Power Units, Lights Out Management (LOM), 2 Virtual Systems, Next Generation Threat Prevention (NGTP) Subscription Package for 1 Year | CPAP-SG15400-NGTP |
| 15400 SandBlast Next Generation Security Gateway Base Configuration, includes 10x1GbE copper ports, 2 10GbE SFP+ ports + 2 SR transceivers, 8GB RAM, 1 HDD, 2 AC Power Units, Lights Out Management (LOM), 2 Virtual Systems, SandBlast (NGTX) Subscription Package for 1 Year | CPAP-SG15400-NGTX |
| **HPP CONFIGURATION [1]** | **SKU** |
| 15400 Next Generation Security Gateway with High Performance Package, includes 10x1GbE copper ports, 6x10Gb SFP+ ports, 6 SR transceivers, 24 GB RAM, 2 HDD, 2 AC Power Units, Lights Out Management (LOM), 2 Virtual Systems, Next Generation Threat Prevention (NGTP) Subscription Package for 1 Year | CPAP-SG15400-NGTP-HPP |
| 15400 Next Generation Security Gateway with High Performance Package, includes 10x1GbE copper ports, 6x10Gb SFP+ ports, 6 SR transceivers, 24 GB RAM, 2 HDD, 2 AC Power Units, Lights Out Management (LOM), 2 Virtual Systems, Next Generation Threat Extraction (SandBlast) Subscription Package for 1 Year | CPAP-SG15400-NGTX-HPP |
| **INTERFACE CARDS AND TRANSCEIVERS** | |
| 8 Port 10/100/1000 Base-T RJ45 interface card | CPAC-8-1C-B |
| 4 Port 1000Base-F SFP interface card; requires additional 1000Base SFP transceivers | CPAC-4-1F-B |
|     SFP transceiver module for 1G fiber ports - long range (1000Base-LX) | CPAC-TR-1LX-B |
|     SFP transceiver module for 1G fiber ports - short range (1000Base-SX) | CPAC-TR-1SX-B |
|     SFP transceiver to 1000 Base-T RJ45 (Copper) | CPAC-TR-1T-B |
| 4 Port 10GBase-F SFP+ interface card | CPAC-4-10F-B |
|     SFP+ transceiver module for 10G fiber ports - long range (10GBase-LR) | CPAC-TR-10LR-B |
|     SFP+ transceiver module for 10G fiber ports - short range (10GBase-SR) | CPAC-TR-10SR-B |
| 2 Port 40G QSFP+ interface card | CPAC-2-40F-B |
|     QSFP+ transceiver module for 40G fiber ports - short range (40GBase-SR) | CPAC-TR-40SR-QSFP-300m |
|     QSFP+ transceiver module for 40G fiber ports - long range (40GBase-LR) | CPAC-TR-40LR-QSFP-10K |
|     Bi-directional QSFP+ transceiver for 40G fiber ports - short range (40GBase-SR-BiDi) | CPAC-TR-40SR-QSFP-BiDi |
| 2 Port 100/25G QSFP28 interface card | CPAC-2-100/25F |
|     SFP28 transceiver module for 25G fiber ports with QSFP28 adaptor - short range (25GBase-SR) | CPAC-TR-25SR-ADP |
|     SFP28 transceiver module for 25G fiber ports with QSFP28 adaptor - long range (25GBase-LR) | CPAC-TR-25LR-ADP |
|     QSFP28 transceiver module for 100G fiber ports - short range (100GBase-SR4) | CPAC-TR-100SR |
|     QSFP28 transceiver module for 100G fiber ports - long range (100GBase-LR4) | CPAC-TR-100LR |
| 4 Port 1GE copper Bypass (Fail-Open) network interface card (10/100/1000 Base-T) | CPAC-4-1C-BP-B |
| 2 Port 10GE short-range Fiber Bypass (Fail-Open) network interface card (10GBase-SR) | CPAC-2-10-FSR-BP-B |
| **MEMORY** | **SKU** |
| Memory upgrade kit from 8GB to 24GB for 15400 appliance | CPAC-RAM16GB-15400 |
| Memory upgrade kit from 8GB to 64GB for 15400 appliance | CPAC-RAM56GB-15400 |
| Memory upgrade kit from 24GB to 64GB for 15400 appliance | CPAC-RAM40GB-15400 |
| **SPARES AND MISCELLANEOUS** | **SKU** |
| Additional/Replacement 1 TB hard drive for 15000 and 23000 appliances | CPAC-HDD-1TB-B |
| Replacement AC power supply for 15000 appliances | CPAC-PSU-AC-15000 |
| Dual DC power supplies for 15000 and 23000 appliances | CPAC-PSU-DC-Dual-15000/23000 |
| Replacement fan cartridge for 15000 and 23000 appliances | CPAC-FAN-B |
| Slide rails for 15000 and 23000 Appliances (22" - 32") | CPAC-RAIL-L |
| Extended slide rails for 15000 and 23000 Appliances (24" - 36") | CPAC-RAIL-EXT-L |

[1] 2 and 3 year and Virtual Systems packages also available in the online product catalog

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