Quantum Security Gateway™ Advantage

<table>
<thead>
<tr>
<th>Protect larger environments</th>
<th>Greater resilience, faster operations</th>
<th>Handle more workloads</th>
</tr>
</thead>
</table>

Check Point Quantum 3800 Next Generation Firewalls enables enterprises to deploy the industry’s leading threat prevention capabilities at all points of their infrastructure, scaling security almost infinitely according to their changing business needs. It also dramatically accelerates the efficiency of their security operations. This enables enterprises to prevent and block even the most advanced attacks, before they can disrupt business.

Strengthen your Perimeter Protection  
Extend enterprise security to remote branch offices

Always Protected against Gen V Attacks  
Highest caliber prevention with unified security

Efficient Operations  
Cut operation management time by up to 80%

PERFORMANCE HIGHLIGHTS

<table>
<thead>
<tr>
<th>Gen II Security Firewall</th>
<th>Gen III Security NGFW¹</th>
<th>Gen V Security Threat Prevention + SandBlast²</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.6 Gbps</td>
<td>3 Gbps</td>
<td>1.5 Gbps</td>
</tr>
</tbody>
</table>

Performance measured with enterprise testing conditions. Additional performance details on page 3. ¹: Includes Firewall, Application Control, and IPS. ²: Includes Firewall, Application Control, URL Filtering, IPS, Antivirus, Anti-Bot and SandBlast Zero-Day Protection.
SPOTLIGHT

3800 SECURITY GATEWAY

Prevent Known and Zero-day Threats
Check Point SandBlast Network is an evasion-resistant sandbox that provides zero-day protection from advanced and unknown threats. SandBlast Threat Extraction (CDR) ensures quick delivery of safe email and web content to users.

Zero Touch Provisioning
Zero Touch manages the initial gateway configuration, enabling you to deploy hundreds or thousands of 3600 security gateways remotely and eliminating the need to travel to each branch office.

All-inclusive Security Solutions
Check Point 3800 security gateways include all security technologies including the SandBlast (sandboxing) software package for one year. Purchase a renewal for NGFW, NGTP or SandBlast (SNBT) for subsequent years as you like.

Best-in-class Security Management
Unified management across networks and cloud environments increases operational efficiency and lowers the complexity of managing your security. One console can manage all aspects of security from policy to threat prevention.

ENTERPRISE-GRADE PLATFORM

<table>
<thead>
<tr>
<th>1 GbE (copper)</th>
<th>Memory</th>
<th>Redundant Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>16 GB</td>
<td></td>
</tr>
</tbody>
</table>

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## Performance

### Enterprise Test Conditions

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Threat Prevention1 (Gbps)</td>
<td>1.5</td>
</tr>
<tr>
<td>NGFW2 (Gbps)</td>
<td>3</td>
</tr>
<tr>
<td>IPS (Gbps)</td>
<td>3.3</td>
</tr>
<tr>
<td>Firewall (Gbps)</td>
<td>3.6</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firewall 1518B UDP (Gbps)</td>
<td>4</td>
</tr>
<tr>
<td>VPN AES-128 (Gbps)</td>
<td>2.75</td>
</tr>
<tr>
<td>Connections/sec</td>
<td>60,000</td>
</tr>
<tr>
<td>Concurrent connections</td>
<td>4M</td>
</tr>
</tbody>
</table>

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

## Additional Features

### Highlights
- 1x CPUs, 8 physical cores
- 1x 240 GB SSD storage
- 16 GB memory
- Virtual Systems (maximum): 10

### 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

#### 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: 40W
- AC power input: 100 to 240V (50-60Hz)
- Power consumption max: 24.2W
- Maximum thermal output: 82.6 BTU/hr.

#### Dimensions

- Enclosure: Desktop
- Dimensions (WxDxH): 8.3 x 8.3 x 1.65 in. (210 x 210 x 42mm)
- Weight: 3.1 lbs. (1.4 kg)

#### Environmental Conditions

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

#### Certifications

- Safety: UL, CB, CE, TUV GS
- Emissions: FCC, CE, VCCI, RCM/C-Tick
- Environmental: RoHS, WEEE, REACH1, ISO140011

1. Factory certificate
## ORDERING QUANTUM 3800 SECURITY GATEWAYS

<table>
<thead>
<tr>
<th>BASE CONFIGURATION ¹</th>
<th>SKU</th>
</tr>
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<tbody>
<tr>
<td>3800 Security Gateway Configuration, includes 6x 1GbE copper ports, 16 GB RAM, 1 240 GB SSD, 1 external AC power adaptor, SandBlast (SNBT) Security Subscription Package for 1 Year</td>
<td>CPAP-SG3800-SNBT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPARES AND MISCELLANEOUS</th>
<th>SKU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacement/Additional Power Supply for 3600 and 3800 Security Gateways</td>
<td>CPAC-PSU-3600/3800</td>
</tr>
<tr>
<td>Rack Mount kit for the 1500, 3600 and 3800 Security Gateways</td>
<td>CPAC-1500/3600/3800-RM-DUAL</td>
</tr>
</tbody>
</table>

¹ Renewal NGFW, NGTP and SandBlast (SNBT) packages are available in the online product catalog.