Check Point 3100 Next Generation Firewall offers an enterprise-grade security against 5th generation threats. 3100 Security Gateway leverages multi-core design and industry-leading performance – all in a compact form factor ideal for branch and small office deployments.

**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>3.15 Gbps</td>
<td>850 Mbps</td>
<td>510 Mbps</td>
</tr>
</tbody>
</table>

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.
3100

Enterprise-grade security, performance and reliability
The Check Point 3100 Next Generation Security Gateway combines the most comprehensive security protections to safeguard your branch and small office deployments.

The 3100 Next Generation Security Gateway is available in a compact desktop form factor with 240GB of SSD storage. This powerful Next Generation Security Gateway is optimized to deliver real-world threat prevention to secure your critical assets and environments.

Key Features & Benefits

Advanced Threat Prevention ....... 1st time prevention of known and zero-day threats
Uncompromising Performance .... Achieve up to 510 Mbps of threat prevention throughput
Secure Encrypted Traffic .......... Consolidate SSL inspection into one integrated security platform

THE CYBER SECURITY ARCHITECTURE OF THE FUTURE

Branch and Small Office 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
SPOTLIGHT

3100 SECURITY GATEWAY

1 Management 10/100/1000Base-T RJ45 port
2 5x 10/100/1000Base-T RJ45 ports
3 2x USB ports for ISO installation
4 RJ45/micro USB console port
5 Power connector

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.

All-inclusive Security Solutions
Check Point 3100 Next Generation Security Gateway offers a complete and consolidated security solution available in two complete packages:
- Threat Prevention
- Threat Prevention + SandBlast

Prevent First
Unlike other integrated solutions on the market that rely on processing shortcuts such as scanning traffic in one direction, scanning only the beginning of the packet or are limited to a small set of apps or data types or file sizes, Check Point doesn’t need to trade security for performance.

Best-in-class Security Management
With one console, security teams can manage all aspects of security from policy to threat prevention – across the entire organization – on both physical and virtual environments. Consolidated management means increased operational efficiency.

ORDERING 3100 SECURITY GATEWAYS

<table>
<thead>
<tr>
<th>BASE CONFIGURATION</th>
<th>SKU</th>
</tr>
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<tbody>
<tr>
<td>3100 Next Generation Security Gateway Base Configuration, includes 6x1GbE copper ports, 8GB RAM, 1 SSD, 1 AC Power Unit, Next Generation Threat Prevention (NGTP) Security Subscription Package for 1 Year.</td>
<td>CPAP-SG3100-NGTP-SSD</td>
</tr>
<tr>
<td>3100 SandBlast Next Generation Security Gateway Base Configuration, includes 6x1GbE copper ports, 8GB RAM, 1 SSD, 1 AC Power Unit, SandBlast (NGTX) Security Subscription Package for 1 Year</td>
<td>CPAP-SG3100-NGTX-SSD</td>
</tr>
</tbody>
</table>

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<tr>
<th>SPARES AND MISCELLANEOUS</th>
<th>SKU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacement Power Supply for 3000 Security Gateways</td>
<td>CPAC-PSU-3000</td>
</tr>
<tr>
<td>Single/Dual chassis Rack Shelf for 3000 Security Gateways</td>
<td>CPAC-RM-DUAL-3000</td>
</tr>
</tbody>
</table>
## Performance

### Enterprise Testing Conditions
- 510 Mbps of Threat Prevention\(^1\)
- 850 Mbps of NGFW\(^2\)
- 1.1 Gbps IPS
- 3.15 Gbps of firewall throughput

### Ideal Testing Conditions
- 4 Gbps of UDP 1518 byte packet firewall throughput
- 1.7 Gbps of AES-128 VPN throughput
- 40,000 connections per second, 64 byte response\(^3\)
- 3.2M concurrent connections, 64 byte response\(^3\)

1: Includes Firewall, Application Control, URL Filtering, Antivirus, Anti-Bot and SandBlast
Zero-Day Protection. 2: Includes Firewall, Application Control and IPS. 3: Tested with R80.10.

## 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

## Additional Features

### Highlights
- 1x CPUs, 4x physical cores (total)
- 1x 240 GB SSD storage
- 8 GB memory

### 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

## Physical

### Power Requirements
- Single Power Supply rating: 40W
- AC power input: 90 to 264V (47-63Hz)
- Power consumption max: 29.5W
- Maximum thermal output: 100.7 BTU/hr.

### Dimensions
- Enclosure: 1RU
- Dimensions (WxDxH): 8.3x8.3x1.65 in. (210x210x41.9mm)
- Weight: 2.9 lbs. (1.3 kg)

### Environmental Conditions
- Operating: 0\(^\circ\) to 40\(^\circ\)C, humidity 5% to 95%
- Storage: -20\(^\circ\) to 70\(^\circ\)C, humidity 5% to 95% at 60\(^\circ\)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