Check Point’s 5600 Next Generation Firewall offers a fully integrated, unified solution tuned to deliver maximum security against 5th generation threats without compromising performance. The 5600 Security Gateway provides the most advanced threat prevention security for demanding enterprise networks.

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>20.4 Gbps</td>
<td>5.1 Gbps</td>
<td>2.78 Gbps</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.
5600

Enterprise-grade security, performance and reliability
The Check Point 5600 Next Generation Security Gateway combines the most comprehensive security protections to safeguard your mid-size enterprise.

The 5600 is a 1U Next Generation Security Gateway with one I/O expansion slot for higher port capacity, redundant fans, redundant AC or DC power supply options, a 1TB (HDD) or 240GB (SSD) disk, and optional Lights-Out Management (LOM) for remote management. 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 2.78 Gbps of threat prevention throughput
Secure Encrypted Traffic ............. Consolidate SSL inspection into one integrated security platform

THE CYBER SECURITY ARCHITECTURE OF THE FUTURE

Enterprise 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
### 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 5600 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) and get a base system plus one 4x 1Gb SFP interface card, transceivers, redundant AC or DC power supplies, Lights-Out-Management and 16 GB of memory for high connection capacity.

### Remote Management and Monitoring
A Lights-Out-Management (LOM) card provides out-of-band remote management to remotely diagnose, start, restart and manage the appliance from a remote location. Also use the LOM web interface to remotely install an OS image from an ISO file.

### ENTERPRISE-GRADE PLATFORM

<table>
<thead>
<tr>
<th></th>
<th>1 GbE (copper)</th>
<th>1 GbE (fiber)</th>
<th>10 GbE</th>
<th>Memory</th>
<th>Redundant Power</th>
<th>LOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>5600 Base</td>
<td>10</td>
<td>0</td>
<td>0</td>
<td>8 GB</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>HPP</td>
<td>10</td>
<td>4</td>
<td>0</td>
<td>16 GB</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Maximums</td>
<td>18</td>
<td>4</td>
<td>4</td>
<td>32 GB</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

● this is optional
Performance

Enterprise Testing Conditions
- 2.78 Gbps of Threat Prevention¹
- 5.1 Gbps of NGFW²
- 5.5 Gbps IPS
- 20.4 Gbps of firewall throughput

Ideal Testing Conditions
- 23 Gbps of UDP 1518 byte packet firewall throughput
- 6.5 Gbps of AES-128 VPN throughput
- 185,000 connections per second, 64 byte response³
- 3.2/6.4/12.8M concurrent connections, 64 byte response³

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, 4x physical cores (total)
- 1x 1TB HDD or 240GB SSD storage
- 1 AC or DC power supply (2 redundant PSU option)
- 8, 16 and 32 GB memory options
- Lights-Out-Management card is optional
- Virtual Systems (base/HPP/max mem): 10/20/20

Network Expansion Slot Options (1 of 1 slots open)
- 8x 10/100/1000Base-T RJ45 port card, up to 18 ports
- 4x 1000Base-F SFP port card, up to 4 ports
- 4x 10GBase-F SFP+ port card, up to 4 ports

Fail-Open/Bypass Network Options
- 4x 10/100/1000Base-T RJ45 port card
- 2x 10GBase-F SFP+ port card

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: 275W
- AC power input: 90 to 264V (47-63Hz)
- Power consumption max: 87.2W
- Maximum thermal output: 297.5 BTU/hr.

Dimensions
- Enclosure: 1RU
- Dimensions (WxDxH): 17.2x20x1.73 in.(437.9x508x44mm)
- Weight: 17.53 lbs. (7.95 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, REACH¹, ISO14001¹

¹: factory certificate
# ORDERING 5600 SECURITY GATEWAYS

## BASE CONFIGURATION ¹

<table>
<thead>
<tr>
<th>Configuration</th>
<th>SKU</th>
</tr>
</thead>
<tbody>
<tr>
<td>5600 Next Generation Security Gateway Base Configuration, includes 10x1GbE copper ports, 8GB RAM, 1 HDD, 1 AC Power Unit, Next Generation Threat Prevention (NGTP) Security Subscription Package for 1 Year</td>
<td>CPAP-SG5600-NGTP</td>
</tr>
<tr>
<td>5600 SandBlast Next Generation Security Gateway Base Configuration, includes 10x1GbE copper ports, 8GB RAM, 1 HDD, 1 AC Power Unit, SandBlast (NGTX) Security Subscription Package for 1 Year</td>
<td>CPAP-SG5600-NGTX</td>
</tr>
</tbody>
</table>

## HPP CONFIGURATION ¹

<table>
<thead>
<tr>
<th>Configuration</th>
<th>SKU</th>
</tr>
</thead>
<tbody>
<tr>
<td>5600 Next Generation Security Gateway with High Performance Package, includes 10x1GbE copper ports, 4x1Gb SFP ports, 4 SR transceivers, 16 GB RAM, 1 HDD, 2 AC Power Units, Lights Out Management (LOM), Next Generation Threat Prevention (NGTP) Security Subscription Package for 1 Year</td>
<td>CPAP-SG5600-NGTP-HPP</td>
</tr>
<tr>
<td>5600 Next Generation Security Gateway with High Performance Package, includes 10x1GbE copper ports, 4x1Gb SFP ports, 4 SR transceivers, 16 GB RAM, 1 HDD, 2 AC Power Units, Lights Out Management (LOM), Next Generation Threat Extraction (SandBlast) Security Subscription Package for 1 Year</td>
<td>CPAP-SG5600-NGTX-HPP</td>
</tr>
</tbody>
</table>

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

## Accessories

### INTERFACE CARDS AND TRANSCEIVERS

<table>
<thead>
<tr>
<th>Interface Card/Transceiver</th>
<th>SKU</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 Port 10/100/1000 Base-T RJ45 interface card</td>
<td>CPAC-8-1C-B</td>
</tr>
<tr>
<td>4 Port 1000Base-F SFP interface card; requires additional 1000Base SFP transceivers</td>
<td>CPAC-4-1F-B</td>
</tr>
<tr>
<td>SFP transceiver module for 1G fiber ports - long range (1000Base-LX)</td>
<td>CPAC-TR-1LX-B</td>
</tr>
<tr>
<td>SFP transceiver module for 1G fiber ports - short range (1000Base-SX)</td>
<td>CPAC-TR-1SX-B</td>
</tr>
<tr>
<td>SFP transceiver to 1000 Base-T RJ45 (Copper)</td>
<td>CPAC-TR-1T-B</td>
</tr>
<tr>
<td>4 Port 10GBase-F SFP+ interface card</td>
<td>CPAC-4-10F-B</td>
</tr>
<tr>
<td>SFP+ transceiver module for 10G fiber ports - long range (10GBase-LR)</td>
<td>CPAC-TR-10LR-B</td>
</tr>
<tr>
<td>SFP+ transceiver module for 10G fiber ports - short range (10GBase-SR)</td>
<td>CPAC-TR-10SR-B</td>
</tr>
<tr>
<td>4 Port 1GE copper Bypass (Fail-Open) network interface card (10/100/1000 Base-T)</td>
<td>CPAC-4-1C-BP-B</td>
</tr>
<tr>
<td>2 Port 10GE short-range Fiber Bypass (Fail-Open) network interface card (10GBase-SR)</td>
<td>CPAC-2-10-FSR-B-BP</td>
</tr>
</tbody>
</table>

### MEMORY

<table>
<thead>
<tr>
<th>Memory Upgrade Kit</th>
<th>SKU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Memory upgrade kit from 8GB to 16GB for 5600 appliance</td>
<td>CPAC-RAM8GB-5000</td>
</tr>
<tr>
<td>Memory upgrade kit from 8GB to 32GB for 5600 appliance</td>
<td>CPAC-RAM24GB-5000</td>
</tr>
<tr>
<td>Memory upgrade kit from 16GB to 32GB for 5600 appliance</td>
<td>CPAC-RAM16GB-5000</td>
</tr>
</tbody>
</table>

### SPARES AND MISCELLANEOUS

<table>
<thead>
<tr>
<th>Spare/Accessory</th>
<th>SKU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional/Replacement AC Power Supply for 5600 and 5800 appliances</td>
<td>CPAP-PSU-5600/5800</td>
</tr>
<tr>
<td>Additional/Replacement DC power supply unit for 5600 and 5800</td>
<td>CPAP-PSU-DC-5600/5800</td>
</tr>
<tr>
<td>Lights Out Management module</td>
<td>CPAC-LOM-B</td>
</tr>
<tr>
<td>Slide rails for 5000 Appliances (22&quot; - 32&quot;)</td>
<td>CPAC-RAILS-5000</td>
</tr>
<tr>
<td>Extended slide rails for 5000 Appliances (24&quot; - 36&quot;)</td>
<td>CPAC-RAILS-EXT-5000</td>
</tr>
</tbody>
</table>

Note: for returns of existing security gateways via the RMA process, a 500GB HDD is available

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**5600 SECURITY GATEWAY**

1. Redundant AC or DC power supplies
2. Cooling fans