QUANTUM 3800 SECURITY GATEWAY

Quantum Security Gateway™ Advantage

Protect larger environments	Greater resilience, faster operations	Handle more workloads

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

Gen II Security Firewall	Gen III Security NGFW[1]	Gen V Security Threat Prevention + SandBlast[2]
3.6 Gbps	3 Gbps	1.5 Gbps

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
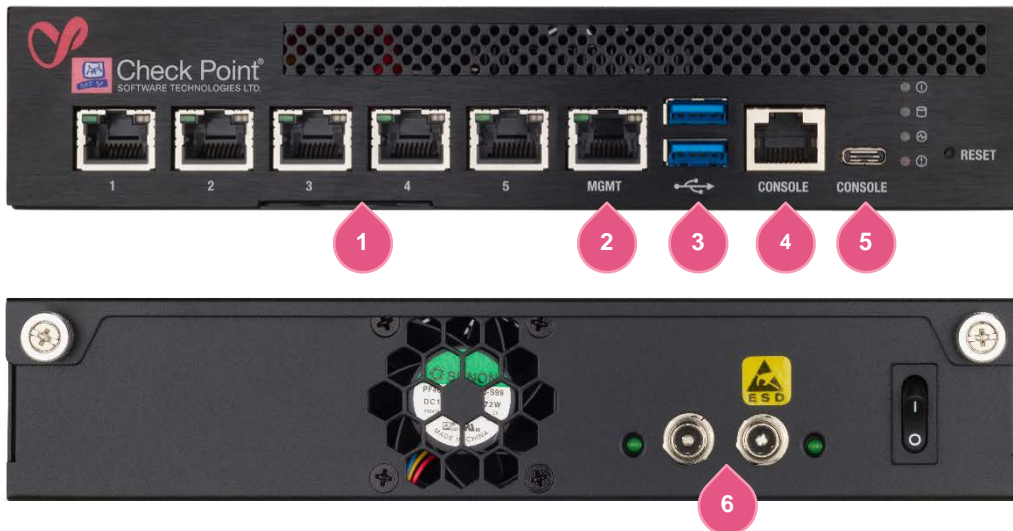
1. 5x 10/100/1000 Base-T ports	4. RJ45 console port
2. Management 10/100/1000 Base-T port	5. USB Type-C console port
3. 2x USB 3.0 ports	6. 2x connectors to external power supply adaptors

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.

|	NGFW	NGTP	SNBT
Firewall, VPN, Mobile Access	✔	✔	✔
Content Awareness	✔	✔	✔
Application Control	✔	✔	✔
Intrusion Prevention System	✔	✔	✔
URL Filtering		✔	✔
Antivirus and Anti-Bot		✔	✔
Threat Emulation (sandboxing)			✔
Threat Extraction (CDR)			✔

Next Generation Firewall, Next Generation Threat Prevention and Threat Prevention + SandBlast packages

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.

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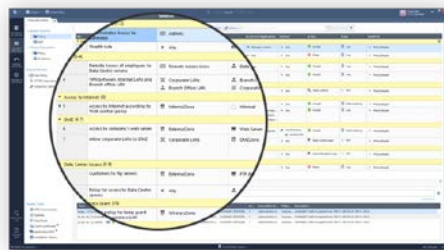
Best-in-class Security Management
Unified management across networks and cloud environments increases operational efficiency and lowers the complexity of managing your security. One console can manage all aspects of security from policy to threat prevention.

ENTERPRISE-GRADE PLATFORM

1 GbE (copper)	Memory	Redundant Power
6	16 GB	◯

◯ optional accessory

SPECIFICATIONS

Performance

Enterprise Test Conditions

Threat Prevention[1] (Gbps)	1.5
NGFW[2] (Gbps)	3
IPS (Gbps)	3.3
Firewall (Gbps)	3.6

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

Firewall 1518B UDP (Gbps)	4
VPN AES-128 (Gbps)	2.75
Connections/sec	60,000
Concurrent connections	4M

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, REACH[1], ISO14001[1]

1. factory certificate

ORDERING QUANTUM 3800 SECURITY GATEWAYS

BASE CONFIGURATION [1]	SKU
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	CPAP-SG3800-SNBT
SPARES AND MISCELLANEOUS	**SKU**
Replacement/Additional Power Supply for 3600 and 3800 Security Gateways	CPAC-PSU-3600/3800
Rack Mount kit for the 1500, 3600 and 3800 Security Gateways	CPAC-1500/3600/3800-RM-DUAL

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