QUANTUM 3800 SECURITY GATEWAY

Top Security Effectiveness
Leader with 99.7% malware block rate in Miercom NGFW Security Benchmark (2023)

AI ML powered Threat Prevention
Protect networks and users from zero-days, phishing, DNS, and ransomware attacks

Hyperscale Network Security
On-demand expansion and resilient access to mission-critical applications

Unified Management and Ops Efficiency
Increase protection and reduce TCO with a consolidated security architecture

Industry Recognition
Named a Leader for the 23rd time in the Gartner® Magic Quadrant™ for Network Firewalls
Named a Leader in the Forrester Wave™ Enterprise Firewalls Q4 2022
Awarded the Frost & Sullivan Firewall Company of the Year

AI Deep Learning powered threat prevention to secure branch offices

Check Point Quantum 3800 Next Generation Firewalls enables enterprises to deploy the industry's leading threat prevention capabilities at all points of their infrastructure, including remote branch offices.

This enables enterprises to prevent and block even the most advanced attacks before they can disrupt business — greatly increasing the efficiency of their security operations.

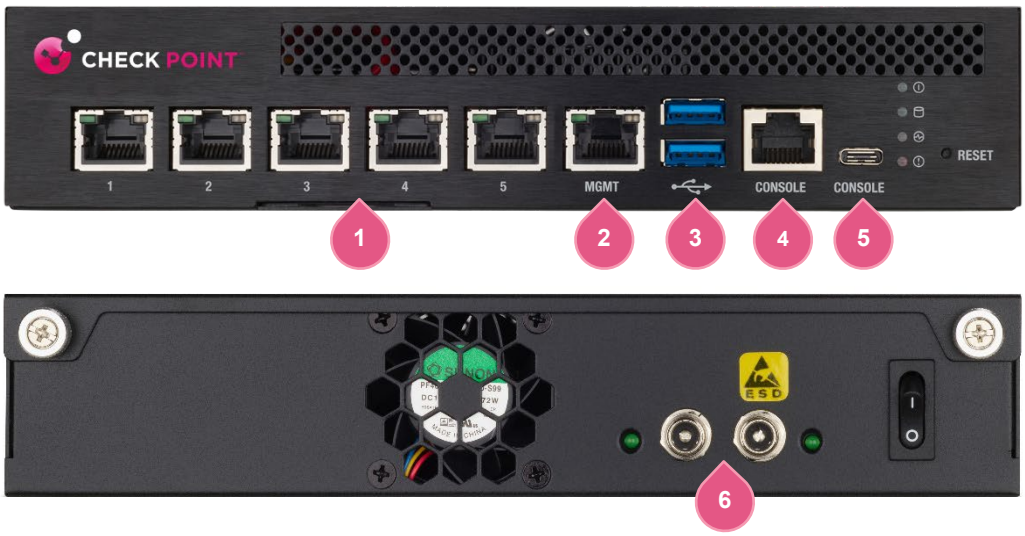
PERFORMANCE HIGHLIGHTS

Firewall	Next Gen Firewall	Threat Prevention
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

AI Deep Learning Threat Prevention

The speed and sophistication of evasive zero-day DNS and phishing attacks requires AI Deep Learning to predict and block malicious behavior without human intervention. Quantum Firewalls use Check Point's threat intelligence cloud 40+ AI/ML engines to block emerging threats that haven't been seen before.

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

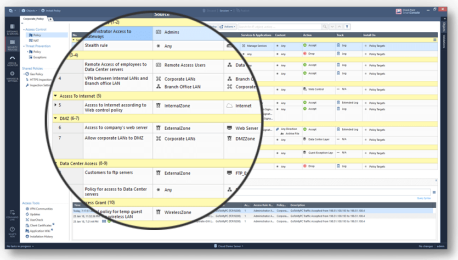
Next Generation Firewall, Next Generation Threat Prevention and SandBlast packages

IoT Security

Quantum IoT Protect now provides autonomous threat prevention. Quantum Firewalls discover IoT assets, feed those to the IoT Cloud Service to automatically map IoT devices to profiles and then apply a zero-trust policy on the firewalls to prevent IoT threats in 5 minutes.

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.



Integrated SD-WAN

Security protects you when you're connected. SD-WAN ensures you're always connected, and the connection offers the best user experience for the lowest cost. Quantum SD-WAN in Quantum firewalls keeps you secure and connected.

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 with logging enabled. 2: Includes Firewall, Application Control and IPS with logging enabled.

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 10,000+ 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

- Integrated SD-WAN network optimization and resilience
- 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 avg/max: 30W/36W
- Maximum thermal output: 123 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 5 to 95%
- Storage: –20° to 70°C, humidity 5 to 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
Quantum IoT Network Protection for 1 year for 3800 appliances	CPSB-IOTP-3800-1Y
Quantum SD-WAN subscription for 1 year for 3800 appliances	CPSB-SDWAN-3800-1Y

Includes 2 virtual systems (VS) - one management VS and one production/data VS. These are not additive or counted when adding additional VS licenses.

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

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

All-inclusive Security

	NGFW	NGTP	SNBT (SandBlast)
	Basic access control plus IPS	Prevent known threats	Prevent known and zero-day attacks
Firewall	✓	✓	✓
VPN (IPsec)	✓	✓	✓
Mobile Access	✓	✓	✓
Identity Awareness	✓	✓	✓
Application Control	✓	✓	✓
Content Awareness	✓	✓	✓
IPS	✓	✓	✓
URL Filtering		✓	✓
Anti-Bot		✓	✓
Anti-Virus		✓	✓
Anti-Spam		✓	✓
DNS Security		✓	✓
SandBlast Threat Emulation			✓
SandBlast Threat Extraction			✓
Zero Phishing			✓
IoT Network Protection	optional	optional	optional
SD-WAN Network Optimization	optional	optional	optional

The first-year purchase includes the SNBT package. Security subscription renewals, NGFW, NGTP and SNBT are available for subsequent years. Optional security capabilities can be ordered a-la-carte or separately.

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