CHECK POINT™

Quantum Force 9400
Security Gateway

Quantum
Secure the Network

Top Security Effectiveness

Check Point #1 for the 2nd year in a row with 99.8% malware block rate in Miercom Next-Generation Firewall Security Benchmark (2024)

Named a Leader by Top Analyst Firms

Forrester Wave™ for Zero Trust Platform Providers, Q3 2023
Gartner® Firewall Magic Quadrant™ (2022)

AI/ML powered Threat Prevention

Protect networks and users from zero-days, phishing, DNS, and ransomware attacks

Hyperscale Network Security

On-demand expansion, load balancing firewall clustering, and resilient access to mission-critical applications

Unified Management and Ops Efficiency

Increase protection and reduce TCO with a consolidated security architecture

Quantum 9400 firewalls deliver up to 72.6 Gbps of firewall and 14 Gbps of threat prevention throughput with integrated AI/ML security, power efficiency and space savings in a modular 1 RU platform.

Increase the efficiency of your datacenter's security operations. Prevent even the most advanced attacks before they can infect their target. And manage your on-premises and cloud firewalls from a unified platform.

Fastest AI-Powered Threat Prevention	Network Resilience & Power Efficiency	Unified Security Management

9400 Performance Highlights

Firewall	Next Gen Firewall	Threat Prevention
72.6 Gbps	33.3 Gbps	14 Gbps

AI-Powered advanced security and uncompromising performance, built for perimeter applications

Quantum Force 9400 data center firewalls deliver high threat prevention performance in a small 1 RU form factor to protect employees, networks, and data from cyber-theft. One network I/O slot can be configured to fit your network with a high port density of up to 8x1/10G, 4x10/25G or 2x40/100G port capacity.

Miercom

Check Point is #1
in Miercom 2024 Security Benchmark
Highest Threat Prevention Scores for 2nd year in a row

Comprehensive and Industry-Leading Security

- Next Generation Firewall
- Site-to-Site and Remote Access VPN
- Application and Web Filtering
- Intrusion Prevention
- Antivirus and Anti-Bot
- Advanced DNS Security
- Sandboxing with file sanitization
- Zero-phishing (no agent required)

Highest Performance Threat Prevention

With the 9400, organizations can inspect encrypted traffic and prevent even the most evasive attacks without impacting internal network performance. Achieve 14 Gbps of threat prevention throughput or up to 200 Gbps of UDP 1518B firewall throughput with a single 1RU firewall.
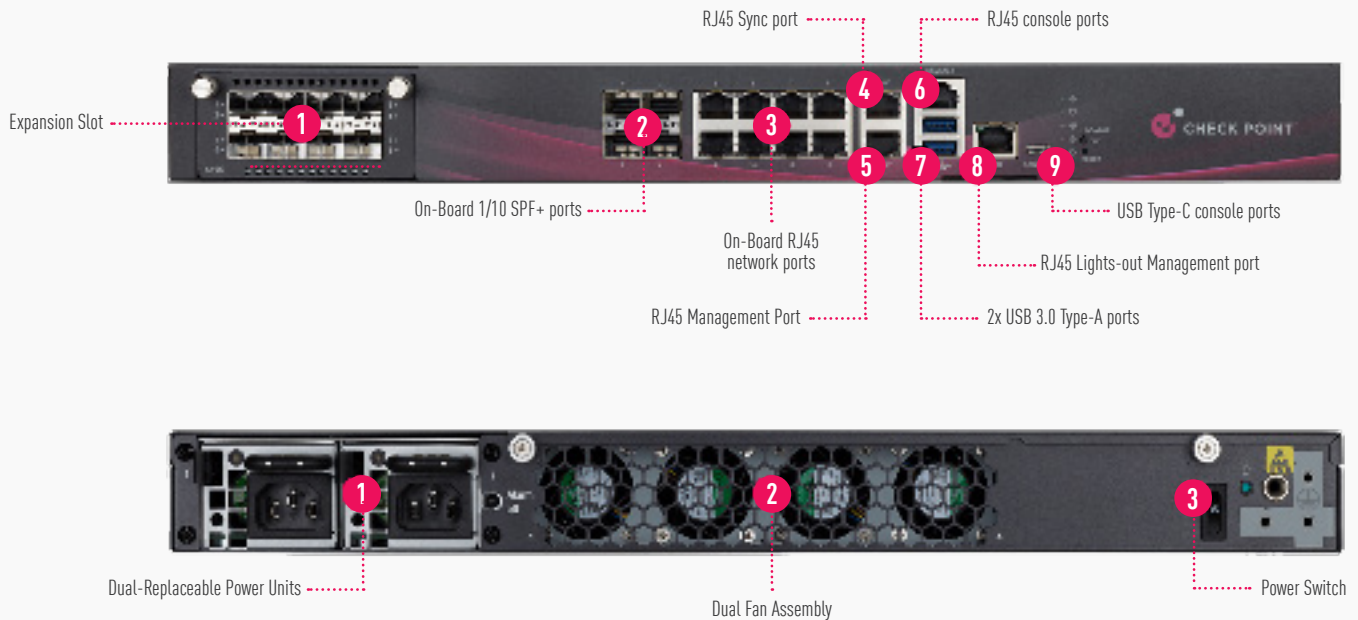
Modular, High Port Density 1RU Chassis

The 9400 offers the flexibility to fit your changing network requirments. Populate one network I/O slot with your choice of network cards: 8x1/10G, 4x10/25G or 2x40/100G. In addition, the 40/100 card benefits for ASIC based firewall acceleration.

Power Efficient, Resilient Design

With a low power consumption per Gbps of threat prevention throughput, these large enterprise firewalls cut power costs in half when compared with similar firewalls from other vendors.

Flexible, High Performance HTTPS Inspection

While commonly used for good, HTTPS traffic can also hide illegal user activity and malicious traffic. Businesses need the ability to inspect a broad range of encrypted TLS 1.3 and HTTP/2 channels while also excluding inspection of sensitive regulated industry traffic, such as

RJ45 Sync port

RJ45 console ports

Expansion Slot

On-Board 1/10 SPF+ ports

On-Board RJ45 network ports

RJ45 Management Port

2x USB 3.0 Type-A ports

USB Type-C console ports

RJ45 Lights-out Management port

Dual-Replaceable Power Units

Dual Fan Assembly

Power Switch

Specifications

Performance

Enterprise Test Conditions[1]

Threat Prevention[2][5] [Gbps]	14
NGFW[3] [Gbps]	33.3
IPS [Gbps]	46.4
Firewall [Gbps]	72.6

RFC 3511, 2544, 2647, 1242 Performance (Lab)

Firewall 1518B UDP [Gbps]	200
Firewall Latency (avg)	1.85µSec
VPN AES-GCM 1452B [Gbps]	40
Connections/sec	355,000
Concurrent connections (Base/Plus/Max)	2.75M/7.27M/16.2

TLS Inspection Performance

Threat Prevention[1,2] [Gbps]	5.5
Threat Prevention[2] web mix[4] [Gbps]	3.2
IPS web mix[4] [Gbps]	4

Additional Features

Highlights

- CPU: 14 physical cores, total of 20 logical cores
- Storage: 1 SSD 960GB SATA
- Power: BASE x 1 External AC PSU, PLUS x 2 External AC PSUs
- 16 to 64 GB memory options
- Lights-Out-Management card – optional (included in Plus package)

Network Expansion Slot Options

- 8 x 1/10GBASE-F SFP+ port card
- 4 x 10/25GBASE-F SFP28 port card
- 2 x 40/100GBASE-F QSFP28 port card

[1] Enterprise traffic profile measured with maximum memory
[2] Includes Firewall, App Control, URLF, IPS, Anti Malware and SandBlast (Incl. DNS Security & Zero Phishing) with logging enabled
[3] Includes Firewall, App Control and IPS with logging enabled
[4] Web traffic mix is based on RFC 9411 (NetSecOpen) web traffic profile
[5] Based on Quantum Firewall Software Release R82 take #25

Network

Network Connectivity
- 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 AC: 320W
- Power input: 100 to 240VAC (47-63Hz)
- Power consumption avg/max: 105.1W/175.3W
- Maximum thermal output AC: 597.7BTU/hr
- Dual replaceable Power Supply's

Dimensions
- Enclosure: 1RU
- Dimensions: (WxDxH): 17.2 x 20 x 1.73 in.(438 x 508 x 44mm)
- Weight: (gross; Kg): 15.97

Environmental Conditions
- Operating: 0° to 40°C, humidity 5% to 950
- Storing: −20° to 70°C, humidity 5% to 95% at 60°C
- MTBF: > 10 years

Certifications
- Safety: CB IEC 62368-1, CE LVD EN62368-1, UL62368-1, ASNZS 62368.1
- Emissions: CE, FCC IC, VCCI, ASNZS ACMA
- Environmental: ROHS, REACH, WEEE, ISO14001

Maximum Virtual System Capacity

	Firewall VS	Firewall + IPS VS	Next Gen Threat Prevention VS
Base model	53	28	9
Plus model	64	32	16
Max capacity	64	32	16
Maestro / MHS	64	32	16

Ordering Quantum Force 9400 Security Gateway

The 9400 includes 1x RJ45 (1 GbE copper) management port plus an additional 1x RJ45 (1 GbE copper) port for synchronization when using the 9400 PLUS in a cluster. With one network I/O slot, modify the base or plus configuration to meet your networking requirements. The 40/100G ports enable firewall traffic acceleration at line-rate.

	On-Board[1] RJ45	1/10 GbE Fiber	10/25 GbE Fiber	40/100 GbE Fiber	Memory	Redundant Power	Redundant Storage	LOM
Base model	10	4	0	0	16 GB	○	○	○
Plus model	10	12	0	0	32 GB	●	○	●
Max capacity	10	12	4	2	64 GB	●	○	●
Maestro / MHS	10	4	4	0	32 GB	●	○	●

[1] The RJ45 port count includes the Management & Sync ports

● Avialable
○ Unavialable

SECURITY APPLIANCE [1]	SKU
9400 Base configuration: 1x RJ45 (1GbE Copper) management port & 1x RJ45 (1GbE Copper) sync port, on-board 8x RJ45 network ports, on-board 4x 1/10GbE SFP+ ports, 16 GB RAM, 1x 960 GB SSD SATA, 1x AC PSUs, telescopic rails, SandBlast (SNBT) Security Subscription Package for 1 Year	CPAP-SG9400-SNBT
9400 Plus configuration: 1x RJ45 (1GbE Copper) management port & 1x RJ45 (1GbE Copper) sync port, on-board 8x RJ45 network ports, on-board 4 x 1/10GbE SFP+ ports, 8 x 1/10GbE SFP+ ports, 32 GB RAM, 1x 960 GB SSD SATA, 2x AC PSUs, Lights-Out Management (LOM), telescopic rails, SandBlast (SNBT) Security Subscription Package for 1 Year	CPAP-SG9400-PLUS-SNBT
Quantum Force 9400 Maestro / MHS HyperScale configuration: 1x RJ45 (1GbE Copper) management port & 1x RJ45 (1GbE Copper) sync port, on-board 8x RJ45 network ports, on-board 4 x 1/10GbE SFP+ ports, 4 x 10/25GbE SFP+ ports, 32 GB RAM, 1x 960 GB SSD SATA, 2x AC PSUs, Lights-Out Management (LOM), 2x 25GbE DAC 3M, telescopic rails, SandBlast (SNBT) Security Subscription Package for 1 Year	CPAP-SG9400-PLUS-MHS-SNBT
Quantum Force 9400 Maestro / MHS HyperScale configuration with 1 MHO-140 orchestrator and 2 Quantum Force 9400 appliances, each appliance includes 1x RJ45 (1GbE Copper) management port & 1x RJ45 (1GbE Copper) sync port, on-board 8x RJ45 network ports, on-board 4 x 1/10GbE SFP+ ports, 4 x 10/25GbE SFP+ ports, 32 GB RAM, 1x 960 GB SSD SATA, 2x AC PSUs, Lights-Out Management (LOM), 2x 25GbE DAC 3M, telescopic rails, SandBlast (SNBT) Security Subscription Package for 1 Year	CPAP-MHS-9402-PLUS-SNBT
Quantum Force 9400 Maestro / MHS HyperScale configuration with 1 MHO-140 orchestrator and 3 Quantum Force 9400 appliances, each appliance includes 1x RJ45 (1GbE Copper) management port & 1x RJ45 (1GbE Copper) sync port, on-board 8x RJ45 network ports, on-board 4 x 1/10GbE SFP+ ports, 4 x 10/25GbE SFP+ ports, 32 GB RAM, 1x 960 GB SSD SATA, 2x AC PSUs, Lights-Out Management (LOM), 2x 25GbE DAC 3M, telescopic rails, SandBlast (SNBT) Security Subscription Package for 1 Year	CPAP-MHS-9403-PLUS-SNBT
Next Generation Threat Prevention & SandBlast package for 1 year for Quantum Force 9400 appliance	CPSB-SNBT-9400-1Y
Next Generation Threat Prevention package for 1 year for Quantum Force 9400 appliance	CPSB-NGTP-9400-1Y
Next Generation Firewall Package for 1 year for Quantum Force 9400 appliance	CPSB-NGFW-9400-1Y
Quantum IoT Network Protection for 1 year for Quantum Force 9400 appliances	CPSB-IOTP-9400-1Y
Quantum SD-WAN subscription for 1 year for Quantum Force 9400 appliances	CPSB-SDWAN-9400-1Y
Data Loss Prevention (DLP) blade for 1 year for Quantum Force 9400 appliances	CPSB-DLP-9400-1Y

[1] The Base & Plus packages include 2 virtual systems (VS)—one management VS and one production/data VS which are not additive or counted when adding additional VS licenses.

ACCESSORIES

INTERFACE CARDS	SKU
8 Port 1/10 G Base-F SFP+ interface card for 9000/19000/29000 appliances	CPAC-8-1/10F-D
4 Port 10/25G Base-F SFP28 interface card for 9000/19000/29000 appliances	CPAC-4-10/25F-D
2 Port 10/25/40/100G Base-F QSFP28 interface card for 9000/19000/29000 appliances	CPAC-2-40/100F-D

TRANSCEIVERS	SKU
Compatible with the CPAC-8-1/10F-D Interface Cards	
SFP transceiver module for 1000 BASE fiber ports - long range (1000BASE-LX), SM Fiber, LC	CPAC-TR-1LX-D
SFP transceiver module for 1000 BASE fiber ports - short range (1000BASE-SX), MM Fiber, L	CPAC-TR-1SX-D
SFP transceiver to 1000 BASE-T RJ45 (Copper), CU, RJ45	CPAC-TR-1T-D
Compatible with the CPAC-8-1/10F-D and CPAC-4-10/25F-D, Interface Cards	
SFP+ transceiver module for 10GbE fiber ports - long range (10GBASE-LR), SM Fiber, LC	CPAC-TR-10LR-D
SFP+ transceiver module for 10GbE fiber ports - short range (10GBASE-SR), MM Fiber, LC	CPAC-TR-10SR-D
SFP+ transceiver module for 10GbE fiber ports - for links up to 40km (10GBASE-ER), SM Fiber, LC	CPAC-TR-10ER-D
SFP+ transceiver 10GBASE-T RJ45 (Copper) - for links up to 30m over CAT6a/CAT7, CU, RJ45	CPAC-TR-10T-D
Compatible with the CPAC-4-10/25F-D Interface Cards	
SFP28 transceiver module for 25GbE fiber ports - short range (25GBASE-SR), MM Fiber, LC	CPAC-TR-25SR-D
SFP28 transceiver module for 25GbE fiber ports - long range (25GBASE-LR), SM Fiber, LC	CPAC-TR-25LR-D
Compatible with the CPAC-2-40/100F-D Interface Card	
SFP+ transceiver module for 10GbE fiber ports - long range (10GBASE-LR), SM Fiber, LC with QSFP28 Adapter	CPAC-TR-10LR-D-ADP
SFP+ transceiver module for 10GbE fiber ports - short range (10GBASE-SR) MM Fiber, LC with QSFP28 Adapter	CPAC-TR-10SR-D-ADP
SFP+ transceiver module for 10GbE fiber ports - for links up to 40km (10GBASE-ER) SM Fiber, LC with QSFP28 Adapter	CPAC-TR-10ER-D-ADP
SFP+ transceiver 10GBASE-T RJ45 (Copper) - for links up to 30m over CAT6a/CAT7 with QSFP28 Adapter	CPAC-TR-10T-D-ADP
SFP28 transceiver module for 25GbE fiber ports - short range (25GBASE-SR) MM Fiber, LC with QSFP28 Adapter	CPAC-TR-25SR-D-ADP
SFP28 transceiver module for 25GbE fiber ports - long range (25GBASE-LR), SM Fiber, LC	CPAC-TR-25LR-D
SFP28 transceiver module for 25GbE fiber ports - long range (25GBASE-LR), SM Fiber, LC with QSFP28 Adapter	CPAC-TR-25LR-D-ADP
QSFP+ transceiver for 40GbE fiber Ports - short range (40GBASE-SR4) , MM Fiber, MPO-12	CPAC-TR-40SR-QSFP-100m-D
QSFP+ transceiver module for 40GbE fiber ports - short range (40GBASE-eSR4), MM Fiber, MPO-12	CPAC-TR-40SR-QSFP-300m-D
QSFP Bi-directional transceiver for 40GbE fiber ports - short range (40GBASE-SR-BD), MM Fiber, LC	CPAC-TR-40SR-QSFP-BiDi-D
QSFP+ transceiver module for 40GbE fiber ports for links up to 75m (40GBASE-SWDM4) MM Fiber, LC	CPAC-TR-40SWDM4
QSFP+ transceiver module for 40GbE fiber ports - long range (40GBASE-LR4), SM Fiber, LC	CPAC-TR-40LR-QSFP-10Km-D
QSFP+ transceiver module for 40GbE fiber ports- for links up to 40km (40GBASE-ER4), SM Fiber, LC	CPAC-TR-40ER4
QSFP28 transceiver module for 100GbE fiber ports - long range (100GBASE-LR4), SM Fiber, LC	CPAC-TR-100LR-D
QSFP28 transceiver module for 100GbE fiber ports - short range (100GBASE-SR4), MM Fiber, MPO-12	CPAC-TR-100SR-D
QSFP28 Bi-directional transceiver for 100GbE fiber Ports - short range (100GBase-SR1.2 BiDi), MM Fiber, LC	CPAC-TR-100SR-BiDi
QSFP28 transceiver module for 100GbE fiber ports - for links up to 75m (100GBASE-SWDM4),MM Fiber, LC	CPAC-TR-100SWDM4-D
QSFP28 transceiver module for 100GbE fiber ports - for links up to 2km (100GBASE-CWDM4), SM Fiber, LC	CPAC-TR-100CWDM4-D
QSFP28 transceiver module for 100GbE fiber ports, - for links up to 40km (100GBASE-ERL4), SM Fiber, LC	CPAC-TR-100ERL4

DIRECT ATTACH CABLES (DAC)	SKU
10GbE Direct Attach Cable (DAC), 3m length for CPAC-8-1/10F-D, CPAC-4-10/25F-D, and CPAC-2-40/100F-D	CPAC-DAC-10G-3M-D
25GbE Direct Attach Cable (DAC), 3m length for CPAC-4-10/25F-D, and CPAC-2-40/100F-D	CPAC-DAC-25G-3M-D
40GbE Direct Attach Cable (DAC), 3m length for CPAC-2-40/100F-D	CPAC-DAC-40G-3M-D
100GbE Direct Attach Cable (DAC), 3m length for CPAC-2-40/100F-D	CPAC-DAC-100G-3M-D

MEMORY	SKU
16GB Memory upgrade kit for 9100-9400 appliances	16GB Memory upgrade kit for 9100-9400 appliances
32GB Memory upgrade kit for 9100-9400 appliances	32GB Memory upgrade kit for 9100-9400 appliances
48GB Memory upgrade kit for 9100-9400 appliances	48GB Memory upgrade kit for 9100-9400 appliances

SPARES AND MISCELLANEOUS	SKU
Replacement AC Power Supply for 9300/9400 series appliances	CPAC-PSU-AC-9300/9400
Dual DC Power Supply for 9300/9400 series appliances	CPAC-PSU-DUAL-DC-9300/9400
Lights-Out Management Module for 9000/19000/29000 appliances	CPAC-NLOM-D
Slide rails for 9000 Security Gateways (22" - 32")	CPAC-Rails-9000
Telescopic slide rails for 9000 Security Gateways (24" - 36")	CPAC-RAILS-EXT-9000
Blank NIC cover for 900/19000/29000 appliances	CPAC-NIC-COVER-D

SUBSCRIPTION SERVICES

	NGFW	NGTP	SNBT (SandBlast)
Application Control	✔	✔	✔
IPS	✔	✔	✔
URL Filtering		✔	✔
Anti-Bot		✔	✔
Anti-Virus		✔	✔
Anti-Spam		✔	✔
DNS Security		✔	✔
SandBlast Threat Emulation (sandboxing)			✔
SandBlast Threat Extraction (CDR)			✔
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.