QUANTUM 26000 SECURITY GATEWAY

Quantum Security Gateway™ Advantage		
Protect larger environments	**Greater resilience, faster operations**	**Handle more workloads**

Check Point Quantum 26000 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.

Always Protected against Gen V Attacks

Highest caliber prevention with unified security

Security at Hyperscale

On-demand expansion with hyperscalability

Efficient Operations

Cut operation management time by up to 80%
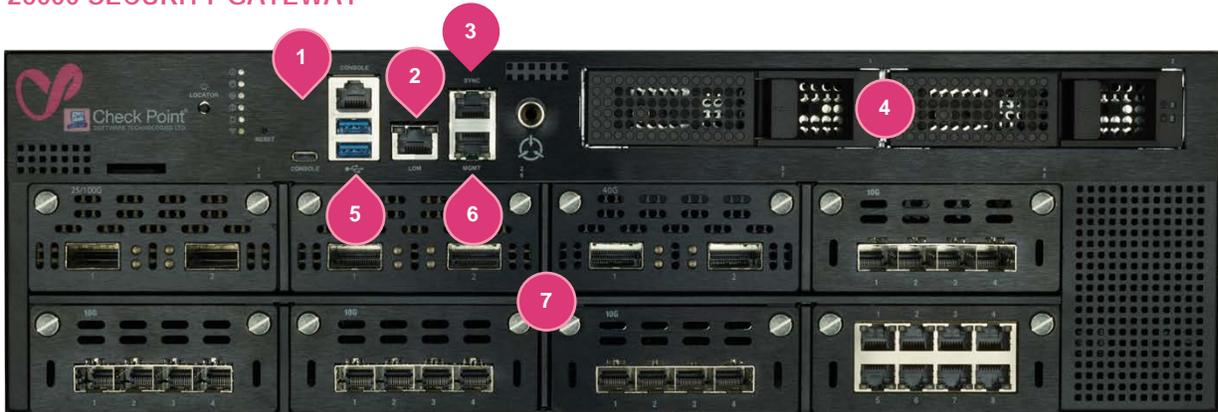
PERFORMANCE HIGHLIGHTS

Gen II Security Firewall	Gen III Security NGFW[1]	Gen V Security Threat Prevention + SandBlast[2]
106.2 Gbps	40.5 Gbps	24 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.

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SPOTLIGHT

26000 SECURITY GATEWAY

1. RJ45 and USB Type-C console ports
2. Lights-out Management port
3. Sync 10/100/1000 Base-T port
4. 2x 480GB SSD RAID1
5. 2x USB 3.0 ports

6. Management 10/100/1000 Base-T port
7. Eight network card expansion slots
8. 3x redundant power supplies (back view not shown)
9. 4x field replaceable fans (back view not shown)

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.

	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 26000 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.

High Performance Options
Purchase the affordable Plus package and get a base system plus twelve 10Gb ports, transceivers, 2x 480 GB SSD drives, Lights-out Management and 96 GB of memory for high connection capacity.

100, 40 and 25 GbE Connectivity
If you're ready to move from 10 to 25, 40 or 100 GbE, so is the 26000 Next Generation Security Gateway. The 26000 Security Gateway lets you connect your 10 GbE server uplinks to your core network.

DATA CENTER GRADE PLATFORM

	1 GbE copper	1 GbE fiber	10 GbE	40 GbE	100/25 GbE	Memory	Redundant Power	Redundant Storage	LOM
Base model	10	0	0	0	0	48 GB	●	○	○
Plus model	10	0	12	0	0	96 GB	●	●	●
Max capacity	66	32	32	16	16	128 GB	●	●	●

○ optional accessory

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SPECIFICATIONS

Performance

Enterprise Test Conditions

Threat Prevention[1] (Gbps)	24
NGFW[2] (Gbps)	40.5
IPS (Gbps)	43
Firewall (Gbps)	106.2

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

Firewall 1518B UDP (Gbps)	316.5
VPN AES-128 (Gbps)	40.1
Connections/sec	550,000
Concurrent connections[3]	10/20/32M[3]

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 Base/Plus/maximum memory.

Additional Features

Highlights

- 2x CPUs, 36 physical cores, 72 virtual cores (total)
- 1x 1TB HDD or 480GB SSD, (2x SSD in Plus)
- 3x AC power supplies (DC option)
- 48, 96 and 128 GB memory options
- Lights-Out-Management card (optional in Base package)
- Virtual Systems (base/PLUS/max mem): 125/250/250

Network Expansion Slot Options (7 of 8 slots open)

- 8x 10/100/1000Base-T RJ45 port card, up to 66 ports
- 4x 1000Base-F SFP port card, up to 32 ports
- 4x 10GBase-F SFP+ port card, up to 32 ports
- 2x 40G QSFP+ port card, up to 16 ports
- 2x 100/25G QSFP28 port card, up to 16 ports

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

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 AC: 850W, DC: 1300W
- Power input: 100 to 240V (47-63Hz), 40~-72VDC
- Power consumption avg/max1: AC359/443W
- Maximum thermal output AC1: 1509 BTU/hr.

1. base configuration, up to 1200W/4094 BTU/hr. with max config

Dimensions

- Enclosure: 3RU
- Dimensions (WxDxH): 17.4 x 24 x 5.2 in. (442 x 610 x 132mm)
- Weight: 46.3 lbs. (21 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, REACH[1], ISO14001[1]

1. factory certificate

ORDERING QUANTUM 26000 SECURITY GATEWAYS

SECURITY APPLIANCE [1]	SKU
26000 Base configuration: 10x 1GbE copper ports, 48 GB RAM, 1x 1TB HDD, 3x AC PSUs., SandBlast (SNBT) Security Subscription Package for 1 Year, (the HDD option supports local/standalone management for 2 Gateways).	CPAP-SG26000-SNBT
26000 Plus configuration: 10x 1GbE copper ports, 12x 10GbE SFP+ ports, 12x SR transceivers, 96 GB RAM, 2x 480GB SSD, 3x AC PSUs, Lights-Out Management (LOM), 5 Virtual Systems, SandBlast (SNBT) Security Subscription Package for 1 Year.	CPAP-SG26000-PLUS-SNBT
INTERFACE CARDS AND TRANSCEIVERS	
8 Port 10/100/1000 Base-T RJ45 interface card	CPAC-8-1C-C
4 Port 1000Base-F SFP interface card; requires additional 1000Base SFP transceivers	CPAC-4-1F-C
SFP transceiver module for 1G fiber ports - long range (1000Base-LX)	CPAC-TR-1LX-C
SFP transceiver module for 1G fiber ports - short range (1000Base-SX)	CPAC-TR-1SX-C
SFP transceiver to 1000 Base-T RJ45 (Copper)	CPAC-TR-1T-C
4 Port 10GBase-F SFP+ interface card	CPAC-4-10F-C
SFP+ transceiver module for 10G fiber ports - long range (10GBase-LR)	CPAC-TR-10LR-C
SFP+ transceiver module for 10G fiber ports - short range (10GBase-SR)	CPAC-TR-10SR-C
10G Direct Attach Copper (DAC) Cable, one meter (10BASE-CU)	CPAC-DAC-10G-1M
10G Direct Attach Copper (DAC) Cable, three meters (10BASE-CU)	CPAC-DAC-10G-3M
2 Port 40G QSFP+ interface card	CPAC-2-40F-C
QSFP+ transceiver module for 40G fiber ports - short range (40GBase-SR)	CPAC-TR-40SR-QSFP-300m
QSFP+ transceiver module for 40G fiber ports - long range (40GBase-LR)	CPAC-TR-40LR-QSFP-10Km
40G Direct Attach Copper (DAC) cable, one meter (40BASE-CR4)	CPAC-DAC-40G-1M
40G Direct Attach Copper (DAC) cable, three meters (40BASE-CR4)	CPAC-DAC-40G-3M
Bi-directional QSFP transceiver for 40G fiber Ports - short range (40GBase-SR-BD)	CPAC-TR-40SR-QSFP-BiDi
2 Port 100/25G QSFP28 interface card	CPAC-2-100/25F
QSFP28 transceiver module for 100G fiber ports - short range (100GBase-SR4)	CPAC-TR-100SR
QSFP28 transceiver module for 100G fiber ports - long range (100GBase-LR4)	CPAC-TR-100LR
SFP28 transceiver module for 25G fiber ports with QSFP28 adaptor - short range (25GBase-SR)	CPAC-TR-25SR-ADP
SFP28 transceiver module for 25G fiber ports with QSFP28 adaptor - long range (25GBase-LR)	CPAC-TR-25LR-ADP
MEMORY	**SKU**
Memory upgrade kit from 48GB to 96GB for 26000 Security Gateways	CPAC-RAM48GB-26000
Memory upgrade kit from 96GB to 128GB for 26000 Security Gateways	CPAC-RAM32GB-26000
Memory upgrade kit from 48GB to 128GB for 26000 Security Gateways	CPAC-RAM80GB-26000
SPARES AND MISCELLANEOUS	**SKU**
1TB HDD for 16000/26000 Security Gateways	CPAC-HDD-1T-C
480GB SSD for 16000/26000 Security Gateways	CPAC-SSD-480G-C
AC power supply for 26000 and 28000 Security Gateways	CPAC-PSU-AC-26000/28000
Dual DC power supplies for 16000 and 26000 Security Gateways	CPAC-PSU-DC-Dual-16000/26000/28000
DC power supply for 16000 and 26000 Security Gateways	CPAC-PSU-DC-16000/26000
Replacement Lights-Out Management Module	CPAC-LOM-C
Replacement Fan	CPAC-FAN-26000/28000
Slide rails for 26000 Security Gateways (22" - 32")	CPAC-RAIL-L
Extended slide rails for 26000 Security Gateways (24" - 36")	CPAC-RAIL-EXT-L

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