



QUANTUM™ SECURITY GATEWAYS COMPARISON CHART

YOU DESERVE THE BEST SECURITY

QUANTUM SECURITY GATEWAYS – QUANTUM FORCE



	19100	19200	29100	29200
Data Center				
Enterprise Testing Conditions				
Threat Prevention (Gbps) ¹	35	44	60	75
NGFW Throughput (Gbps) ²	90	100	130	165
IPS Throughput (Gbps)	130	145	175	235
Firewall (Gbps)	200	245	365	500
RFC 3511, 2544, 2647, 1242 Performance (Lab)				
Firewall Throughput (Gbps)	800	800	1,400	1,400
Firewall Latency (avg)	1.85µSec	1.85µSec	1.85µSec	1.85µSec
VPN Throughput (Gbps)	75.3	86	103	130
Connections Per Second	750,000	1,000,000	1,250,000	1,500,000
Concurrent Sessions (B/P/M) ³	12.4M/20M/31M ⁴	21/31/31M ⁴	30/48/67M ⁴	30/48/67M ⁴
HTTP/TLS Inspection Performance				
Threat Prevention ^{1,2} [Gbps]	14.1	18.6	24.3	24.6
Threat Prevention ² web mix ⁵ [Gbps]	10.2	11.2	14.6	18.6
IPS web mix ⁴ [Gbps]	12.9	15.7	19.3	25
Additional Features				
CPUs/physical cores/virtual cores ⁶	2/32/64	2/40/80	2/56/112	2/64/128
Storage Size (NVMe)	960 GB	960 GB	960 GB	960 GB
Maestro Scalability (NGTP Gbps)	up to 432	up to 553.5	up to 711	up to 952.5
Physical				
Enclosure	2U	2U	2U	2U

	19100			19200			29100			29200		
Appliance Configurations	Base	Plus	Max	Base	Plus	Max	Base	Plus	Max	Base	Plus	Max
Network I/O Expansion Slots	4			4			7			7		
1/10 GbE Copper (On-Board)	2	2	2	2	2	2	2	2	2	2	2	2
1/10 GbE Fiber	8	8	32	8	8	32	8	16	56	8	16	56
10/25 GbE	0	4	16	0	4	16	0	4	28	0	4	28
40/100 GbE	0	0	8	0	0	8	0	0	14	0	2	14
Accessories												
Memory (GB)	64	96	128	96	128	128	128	192	256	128	192	256
Redundant Storage	OPT.	✓	✓	OPT.	✓	✓	OPT.	✓	✓	OPT.	✓	✓
Redundant Power	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LOM	OPT.	✓	✓	OPT.	✓	✓	OPT.	✓	✓	OPT.	✓	✓
Virtual Systems												
Maximums with default memory-FW	300	300	300	300	300	300	300	300	300	300	300	300
Maximums with default memory-FW+IPS	160	160	160	160	160	160	160	160	160	160	160	160
Maximums with default memory-Next Gen Threat Prevention	62	80	80	62	80	80	84	112	112	84	126	128

Base, Plus, Max: Base is a minimum hardware configuration. Plus includes redundant components, additional memory and network I/O for less than purchasing these items separately. Max is the maximum capacity that the security appliance supports.

¹ Check Point proprietary blend which Includes Firewall, Application Control, URL Filtering, IPS, Antivirus, Anti-Bot, SandBlast (Incl. DNS Security & Zero Phishing).

² Check Point proprietary blend which Includes Firewall, Application Control, IPS.

³ Performance measured with default/maximum memory.

⁴ Web mix is based on NetSecOpen Standard

⁵ Per Gateway.

	9400	9700	9800
	Perimeter	Perimeter / Data Center	
Enterprise Testing Conditions			
Threat Prevention (Gbps) ¹	14	20	25
NGFW Throughput (Gbps) ²	33.3	57.6	67.7
IPS Throughput (Gbps)	46.4	73.7	90.5
Firewall (Gbps)	72.6	129	185
RFC 3511, 2544, 2647, 1242 Performance (Lab)			
Firewall Throughput (Gbps)	200	400	400
Firewall Latency (avg)	1.85µSec	1.85µSec	1.85µSec
VPN Throughput (Gbps)	40	75	75
Connections Per Second (K)	355,000	535,000	715,000
Concurrent Sessions (B/P/M) ³	2.75M/7.27M/16.2M ³	6.5M/15M/29M ³	7M/15M/29M ³
HTTP/TLS Inspection Performance			
Threat Prevention ^{1, 2} [Gbps]	5.5	9.6	10.1
Threat Prevention ² web mix ⁴ [Gbps]	3.2	5.8	6
IPS web mix ⁴ [Gbps]	4	7.3	7.9
Additional Features			
CPUs/physical cores/virtual cores ⁵	1/14/20	1/16/32	1/20/40
Storage Size	960 GB (SSD)	960 GB (NVMe)	960 GB (NVMe)
Maestro Scalability (NGTP Gbps)	up to 165	up to 249	up to 300
Physical			
Enclosure	1U	1U	1U

	9400			9700			9800		
Appliance Configurations	Base	Plus	Max	Base	Plus	Max	Base	Plus	Max
Network I/O Expansion Slots	1			2			2		
1 GbE Copper (On-Board)	10	10	10	6	6	6	6	6	6
1/10 GbE Fiber	4	12	12	4	12	20	4	12	20
10/25 GbE	0	0	4	0	0	8	0	0	8
40/100 GbE	0	0	2	0	0	4	0	0	4
Accessories									
Memory (GB)	16	32	64	32	64	128	32	64	128
Redundant Storage	-	-	-	OPT.	✓	✓	OPT.	✓	✓
Redundant Power	OPT.	✓	✓	OPT.	✓	✓	OPT.	✓	✓
LOM	OPT.	✓	✓	OPT.	✓	✓	OPT.	✓	✓
Virtual Systems									
Maximums with default memory-FW	53	64	64	106	128	128	106	160	160
Maximums with default memory-FW+IPS	28	32	32	60	64	64	60	80	80
Maximums with default memory-Next Gen Threat Prevention	9	16	16	20	32	32	20	40	40

Base, Plus, Max: Base is a minimum hardware configuration. Plus includes redundant components, additional memory and network I/O for less than purchasing these items separately. Max is the maximum capacity that the security appliance supports.

¹ Check Point proprietary blend which Includes Firewall, Application Control, URL Filtering, IPS, Antivirus, Anti-Bot, SandBlast (Incl. DNS Security & Zero Phishing).

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³ Performance measured with default/maximum memory.

⁴ Web mix is based on NetSecOpen Standard

⁵ Per Gateway.

	9100	9200	9300
Perimeter			
Enterprise Testing Conditions			
Threat Prevention (Gbps) ¹	6.5	8	10.5
NGFW Throughput (Gbps) ²	18.6	19	28.2
IPS Throughput (Gbps)	25.7	31	39
Firewall (Gbps)	55	60	70
RFC 3511, 2544, 2647, 1242 Performance (Lab)			
Firewall Throughput (Gbps)	80	80	80.2
Firewall Latency (avg)	10µSec	9µSec	9µSec
VPN Throughput (Gbps)	22.1	28.6	33
Connections Per Second (K)	190,000	250,000	300,000
Concurrent Sessions (B/P/M) ³	2.75M/7.27M/16.2M ³	2.75M/7.27M/16.2M ³	2.75M/7.27M/16.2M ³
HTTP/TLS Inspection Performance			
Threat Prevention ^{1, 2} [Gbps]	2.96	3.6	5.1
Threat Prevention ² web mix ⁴ [Gbps]	1.6	2	2.9
IPS web mix ⁴ [Gbps]	2.3	2.9	3.9
Additional Features			
CPUs/physical cores/virtual cores ⁵	1/4/8	1/4/8	1/10/16
Storage Size	480 GB (SSD)	480 GB (SSD)	480 GB (SSD)
Maestro Scalability (NGTP Gbps)	up to 74.25	up to 99	up to 135
Physical			
Enclosure	1U	1U	1U

	9100			9200			9300		
Appliance Configurations	Base	Plus	Max	Base	Plus	Max	Base	Plus	Max
Network I/O Expansion Slots	1			1			1		
1 GbE Copper (On-Board)	10	10	10	10	10	10	10	10	10
1/10 GbE Fiber	0	8	8	0	8	8	0	8	8
10/25 GbE	0	0	4	0	0	4	0	0	4
40/100 GbE	0	0	0	0	0	0	0	0	0
Accessories									
Memory (GB)	16	32	64	16	32	64	16	32	64
Redundant Storage	-	-	-	-	-	-	-	-	-
Redundant Power	✓	✓	✓	✓	✓	✓	OPT.	✓	✓
LOM	OPT.	✓	✓	OPT.	✓	✓	OPT.	✓	✓
Virtual Systems									
Maximums with default memory-FW	48	48	48	48	48	48	48	48	48
Maximums with default memory-FW+IPS	24	24	24	24	24	24	24	24	24
Maximums with default memory-Next Gen Threat Prevention	9	12	12	9	12	12	9	12	12

Base, Plus, Max: Base is a minimum hardware configuration. Plus includes redundant components, additional memory and network I/O for less than purchasing these items separately. Max is the maximum capacity that the security appliance supports.

¹ Check Point proprietary blend which Includes Firewall, Application Control, URL Filtering, IPS, Antivirus, Anti-Bot, SandBlast (Incl. DNS Security & Zero Phishing).

² Check Point proprietary blend which Includes Firewall, Application Control, IPS.

³ Performance measured with default/maximum memory.

⁴ Web mix is based on NetSecOpen Standard

⁵ Per Gateway.

	3920	3950	3970	3980
Enterprise Testing Conditions				
Threat Prevention (Gbps) ¹	3.2	5.5	4.25	7
NGFW Throughput (Gbps) ²	7.8	16.2	12.5	20
IPS Throughput (Gbps)	11.5	20	17	28.5
Firewall (Gbps)	20		40	
RFC 3511, 2544, 2647, 1242 Performance (Lab)				
Firewall Throughput (Gbps)	20		40	
Firewall Latency avg. (µSec)	27	13	19	12
VPN Throughput (Gbps)	9.5	17.5	13	23
Connections Per Second (K)	95	130	140	195
Concurrent Sessions (M) ³	2.75	7.2		
HTTP/TLS Inspection Performance				
Threat Prevention ^{1,2} [Gbps]	1	1.75	1.4	2.1
Threat Prevention ² web mix ⁴ [Gbps]	0.6	1.1	0.85	1.25
IPS web mix ⁴ [Gbps]	0.8	1.4	1.15	1.65
Additional Features				
CPUs/physical cores	1 CPU, 6 Physical Cores		1 CPU, 8 Physical Cores	
Storage Size	480 GB SSD NVME M.2			
Physical				
Enclosure	Desktop		1U	

	3920	3950	3970	3980
Appliance Configurations				
Port Location	Rear	Front		
1 GbE Copper	8	8	16	
2.5 GbE Copper	-	2	2	
10 GbE Copper	-	2	-	
1 GbE SFP	1	-	8	
10 GbE SFP+	2	-	4	
Console	USB Type C	RJ-45 & USB Type C		
USB 3.0 Type A	1		2	
Accessories				
Memory (GB)	16	32		
Redundant Power	Dual (External)		Dual (internal)	
LOM	NO			
Virtual Systems (#of VS's)				
Firewall VS	17	28		
Firewall + IPS VS	10	14		
Next Gen. Threat Prevention VS	5	7		

¹ Check Point proprietary blend which Includes Firewall, Application Control, URL Filtering, IPS, Antivirus, Anti-Bot, SandBlast (Incl. DNS Security & Zero Phishing).

² Check Point proprietary blend which Includes Firewall, Application Control, IPS.

³ Performance measured with default/maximum memory.

⁴ Web mix is based on NetSecOpen Standard

QUANTUM SECURITY GATEWAYS – SPARK



	2530	2550	2560	2570	2580	2590
SMB and Small Branch Office						
Enterprise Testing Conditions						
Threat Prevention (Mbps)	750	1,000	1,850	2,500	3,200	5,500
NGFW Throughput (Mbps) ¹	1,200	1,600	3,750	5,000	9,000	11,000
IPS Throughput (Mbps)	1,720	2,300	5,170	6,900	11,000	12,000
Firewall (Mbps)	2,250	3,000	6,750	9,000	17,500	
RFC 3511, 2544, 2647, 1242 Performance (Lab)						
Firewall Throughput (Gbps)	3,000	4,000	11,600	15,500	20,000	25,000
Firewall Latency avg. (µSec)	90		30		24	
VPN Throughput (Gbps)	1,400		4,000		4,500	5,500
Connections Per Second (K)	16	20	53	62	72	75,000
Concurrent Sessions	1,000,000		2,000,000			
Additional Features						
CPUs/Physical cores	1 CPU, 4 Physical Cores		1 CPU, 6 Physical Cores		1 CPU, 8 Physical Cores	
Physical						
Enclosure	Desktop					1U
Hardware	2530	2550	2560	2570	2580	2590
WAN Port	1 x 1GbE RJ45/SFP		1 x 1GbE RJ45		1 x 10GbE RJ45/SFP+	1 x 1GbE RJ45 / SFP
DMZ Ports	1 x 1GbE RJ45/SFP		1 x 1GbE SFP		1 x 10GbE RJ45/SFP+	1 x 1GbE RJ45 / SFP
LAN Ports	6 x 1GbE RJ45		8 x 1GbE RJ45 2 x 10GbE SFP+		8 x 1GbE RJ45 2 x 2.5GbE RJ45	16 x 1GbE RJ45 2 x 2.5GbE RJ45 4 x 10GbE SFP+ 8 x 1GbE SFP
Wi-Fi & bands	Wi-Fi 7 2x2 2.4Ghz + 5Ghz		Wi-Fi 7 4X4 2.4Ghz + 5Ghz + 6Ghz		-	
5G / LTE (optional)	No	5G (SA, redcap) / LTE Cat 4	No	5G (SA / non-SA) / LTE Cat 20	No	
SD Card Slot	Micro-SD slot					

¹ Includes Firewall, App Control and IPS with logging enabled

	1900	2000
SMB and Small Branch Office		
Enterprise Testing Conditions*		
Threat Prevention (Gbps) ¹	4 Gbps	5 Gbps
NGFW Throughput (Gbps) ²	8 Gbps	10 Gbps
IPS Throughput (Gbps)	9 Gbps	11 Gbps
Firewall (Gbps)	16 Gbps	20 Gbps
Ideal Testing Conditions		
Firewall Throughput (Gbps)	40 Gbps	40 Gbps
VPN Throughput (Gbps)	5 Gbps	6 Gbps
Connections Per Second (K)	90,000	100,000
Concurrent Sessions (M) ³	4,200,000	4,200,000
Physical and Networking		
Enclosure	1RU	
1 GbE Copper	16	
1 GbE Fiber	-	
2.5 GbE Copper	2	
10 GbE Fiber	4	
Console	1x USB-C or RJ45	
USB ports	2x USB 3.0	
SD Card Slot	32 and 64 GB card options	

¹Includes Firewall, Application Control, URL Filtering, IPS, Antivirus, Anti-Bot, SandBlast Zero-Day Protection with logging.

²Includes Firewall, Application Control, IPS with logging

³Performance measured with default/maximum memory.

	1535	1555	1575	1595	1600	1800
SMB and Small Branch Office						
Enterprise Testing Conditions*						
Threat Prevention ¹	440 Mbps ⁴	600 Mbps ⁴	650 Mbps ⁴	900 Mbps ⁴	1,500 Mbps	2,000 Mbps
NGFW Throughput ²	600 Mbps	800 Mbps	970 Mbps	1,300 Mbps	3,200 Mbps	5,000 Mbps
IPS Throughput	670 Mbps	900 Mbps	1,050 Mbps	1,400 Mbps	3,500 Mbps	5,500 Mbps
Firewall	1,000 Mbps	1,000 Mbps	2,800 Mbps	2,800 Mbps	4,800 Mbps	7,500 Mbps
Ideal Testing Conditions						
Firewall Throughput	2,000 Mbps	2,000 Mbps	6,400 Mbps	6,400 Mbps	8,000 Mbps	17,000 Mbps
VPN Throughput	970 Mbps	1,300 Mbps	1,950 Mbps	2,600 Mbps	3,200 Mbps	4,000 Mbps
Connections Per Second	10,500	14,000	15,750	21,000	55,000	66,000
Concurrent Sessions ³	1,000,000	1,000,000	1,000,000	1,000,000	2,400,000	2,400,000
Additional Features						
Wi-Fi	Wi-Fi 6, 2x2	Wi-Fi 6 2x2	Wi-Fi 6 4x4	Wi-Fi 6 4x4	NA	NA
Cellular	N/A	NA	LTE/4G	5G	NA	NA
Physical and Networking						
Enclosure	Desktop		Desktop		1RU	
1 GbE Copper	6		10		18	17
1 GbE Fiber	N/A		1 SFP		2	1
2.5 GbE	N/A		N/A		N/A	2
10 GbE	N/A		N/A		N/A	1
Console	1x USB-C		1x USB-C		1x USB-C and 1x RJ-45 console port	
USB ports	1x USB 3.0		USB1x USB 3.0		2x USB 3.0	
SD Card Slot	N/A		Micro-SD slot		Micro-SD slot with 32 and 64 GB card options	

¹ Includes Firewall, Application Control, URL Filtering, IPS, Antivirus, Anti-Bot, SandBlast Zero-Day Protection with logging.

² Includes Firewall, Application Control, IPS with logging

³ Performance measured with default/maximum memory.

⁴ Figures measured with Smart Accel enabled. Smart Accel is available on release R81.10 and above. Smart Accel must be enabled on Web UI and is currently supported on devices managed via Web UI or SMP

SMART-1 MANAGEMENT

Smart-1 (7th generation)

Capacity & Performance	700S	700M	7000L	7000XL	7000UL
Managed Gateways Base/ Plus configuration	5/10	25/50	75/150	200/400 ¹	250/500 ¹
Maximum Domains (Multi-Domain Management)	-		50 ⁴	200 ⁴	
Sustained Indexed Logs per Sec.	10,000/10,000 ²	22,000/20,000 ²	32,000/32,000 ²	60,000/60,000 ²	75,000/75,000 ²
GB per Day of Logs	430	800	1,218	2,284	2,757
Hardware Specifications					
Cores/Threads	4/8	14/20	24/48	48/96	56/112
Storage Options	2 x 4TB HDD	2 x 8TB HDD	4 x 8TB HDD or 8 x 8TB HDD	6 x 4TB SSD NVMe or 12 x 4TB SSD NVMe	6 x 8TB SSD NVMe or 12 x 8TB SSD NVMe
Effective Storage (default)	4TB	8TB	14.5TB (4 x 8TB HDD RAID- 6)	17.4TB (6 x 4TB SSD NVMe RAID 5)	34.9TB (6 x 8TB SSD NVMe RAID-5)
Effective Storage (max)	-	-	43.6TB (8 x 8TB HDD RAID- 6)	34.9TB (12x 4TB SSD NVMe RAID-50)	69.8TB (12 x 8TB SSD NVMe RAID-50)
RAID Type	1 (software)	1	5,6,10,50,60		
Memory (RAM) Default/Max	16/32 GB	32/64 GB	128/192 GB	256/384 GB	
No. of Managed Gateways					
Base configuration	5	25	75	200	250
Plus configuration	10	50	150	400	500
Max Managed Gateways per single Domain or SMS	10	50		150	1,500 ³
Max Managed gateways at the appliance level	N/A		150	10,000 ⁴	
Interfaces					
On board SFP Ports	4x 1/10G (fiber)				
Console Port (RJ45)	1x RJ45 (for a serial connection)				
LOM	1x RJ45 1G (to connect to the LOM Card)				
AUX	1x RJ45 1G				
USB Ports 3.0	x2				
Console USB	Type-C (for a serial connection)				
Extended Network Interfaces (1 Expansion slot)	Optional				
MGMT Port	1x RJ45 1G				

Capacity & Performance	700S	700M	7000L	7000XL	7000UL
Physical					
Enclosure	1U		2U		
Standard (W x D x H)	17.24in. x 17.59in. x 1.74in.	17.24in. x 17.59in. x 1.74in.	17.24in. x 23.92in. x 3.49in.	17.24in. x 23.92in. x 3.49in.	
Metric (W x D x H)	438mm x 446.8mm x 44.20mm	438mm x 446.8mm x 44.20mm	438mm x 607.55mm x 88.60mm	438mm x 607.55mm x 88.60mm	
Weight	8.03Kg (17.70lbs)	8.78Kg (19.36lbs)	18.880Kg (41.62lbs)	15.697 Kg (34.71lbs.)	
Power					
Dual, Hot-Swappable PSU	No (1+1 internal redundant PSU)	Yes			
Dual, Hot-Swappable DC PSU	No		Optional		
Power Input	100-240VAC (3A) 47-63Hz	100-240VAC (4A) 47-63Hz	AC:100-127VAC (12A) 200-240VAC (7A) 47-63Hz DC:48 to -60VDC (37A)	AC:100-127VAC (12A), 200-240VAC (9.5A) 47-63Hz DC: 48 to -60VDC (45.5A)	
Power Supply Rating	2x internal 260W PSUs	2x 300W PSUs	2x 1300W PSUs	2x 1600W PSUs	
Power Consumption (avg/max)	126W/210W	114W/190W	436W/728W	523W/872W	540W/919W

¹Scale managed devices on demand up to 1,500 gateways on a single domain or SMS and up to 10K Gateways per appliance using Multi-Domain environments.

²700S and 700M tested with SmartLog and SmartEvent configuration, 7000L/7000XL/7000UL tested with dedicated SmartEvent configuration. For sizing and recommended configurations review sk181782 - Security Management Sizing.

³Requires gateways expansion package.

⁴Requires Multi-Domain license and gateways expansion package.

QUANTUM SECURITY GATEWAYS - LEGACY

	3600	3800	6200	6400	6600	6700	6900	
	Branch Office		Small to Mid-Enterprise					
Enterprise Testing Conditions								
Threat Prevention (Gbps) ¹	780 Mbps	1.5	1.8	2.5	3.7	5.8	7.4	
NGFW Throughput (Gbps) ²	1.5	3	3.72	5.5	6.2	13.4	17	
IPS Throughput (Gbps)	1.99	3.3	4.65	6.5	10.14	19	19	
Firewall (Gbps)	3.3	3.6	9	12	18	26	37	
Ideal Testing Conditions								
Firewall Throughput (Gbps)	4	4	17.55	30	32	38	63	
VPN Throughput (Gbps)	2.71	2.75	2.57	2.73	4.9	4.61	9.81	
Connections Per Second (K)	32	60	67	90	116	164	230	
Concurrent Sessions (M) ³	2	4	2/8	4/8	2/8	2/8	4/16	
Additional Features								
CPUs/physical cores/virtual cores	1/4/4	1/8/8	1/2/4	1/4/4	1/6/6	1/6/12	1/8/16	
SSD Size	240 GB	240 GB	240 GB	240 GB	240 GB	480 GB	480 GB	
Maestro Scalability (NGTP Gbps)	-	-	up to 90	up to 125	up to 185	up to 290	up to 370	
Physical								
Enclosure	Desktop	Desktop	1U	1U	1U	1U	1U	
Appliance Configurations			Base Plus Max	Base Plus Max	Base Plus Max	Base Plus Max	Base Plus Max	
Network I/O Expansion Slots			1	1	1	1	2	
1 GbE Copper	6	6	10 10 18	10 10 18	10 10 18	10 10 18	10 10 26	
1 GbE Fiber	-	-	0 4 4	0 4 4	0 0 4	0 0 4	0 0 8	
10 GbE	-	-	0 0 4	0 0 4	0 4 4	0 4 4	0 4 8	
100/40/25/10 GbE	-	-	- - -	- - -	- - -	- - -	0 0 2	
Accessories								
Memory	8	16	8 16 32	8 16 32	8 16 32	8 16 32	16 32 64	
Redundant Power	Opt.	Opt.	- ü ü	ü ü ü	Opt. ü ü	Opt. ü ü	Opt. ü ü	
LOM	-	-	Opt. ü ü	Opt. ü ü	Opt. ü ü	Opt. ü ü	Opt. ü ü	
Virtual Systems								
Maximums with default memory	5	10	10 20 20	10 20 20	10 20 20	10 20 20	10 20 20	

Base, Plus, Max: Base is a minimum hardware configuration. Plus includes redundant components, additional memory and network I/O for less than purchasing these items separately. Max is the maximum capacity that the security appliance supports.

¹ Includes Firewall, Application Control, URL Filtering, IPS, Antivirus, Anti-Bot, SandBlast.

² Includes Firewall, Application Control, IPS.

³ Performance measured with default/maximum memory.

	7000			16200			16600			26000			28000			28600		
	Large Enterprise						Data Center											
Enterprise Testing Conditions																		
Threat Prevention (Gbps) ¹	9.5			15			17.6			24			30			30		
NGFW Throughput (Gbps) ²	22			27			30			40.5			51.5			51.5		
IPS Throughput (Gbps)	25			35			42			43			52.2			52.2		
Firewall (Gbps)	48			78.3			87			106.2			145			145		
Ideal Testing Conditions																		
Firewall Throughput (Gbps)	76.8			159			117			316.5			316.5			193		
VPN Throughput (Gbps)	11.9			20			17			40.1			49			44		
Connections Per Second (K)	330			435			375			550			615			590		
Concurrent Sessions (M) ³	4/16			8/32			32			10/32			10/32			49		
Additional Features																		
CPUs/physical cores/virtual cores	1/16/32			2/24/48			2/24/48			2/36/72			2/36/72			2/36/72		
SSD Size	480 GB			480 GB			480 GB			480 GB			480 GB			480 GB		
Maestro Scalability (NGTP Gbps)	up to 475			up to 750			up to 880			up to 1,200			up to 1,500			up to 1,500		
Physical																		
Enclosure	1U			2U			1U			3U			3U			1U		
Appliance Configurations	Base	Plus	Max	Base	Plus	Max	Base	Base	Plus	Max	Base	Plus	Max	Base	Base			
Network I/O Expansion Slots	2			4			-			8			8			-		
1 GbE Copper	10	10	26	10	10	34	2	10	10	66	2	10	66	2	2			
1 GbE Fiber	0	0	8	0	0	16	-	0	0	32	0	0	32	-	-			
10 GbE	0	4	8	0	8	16	-	0	12	32	4	12	32	-	-			
100/40/25/10 GbE	0	0	2	0	0	4	2	0	0	8	0	2	8	2	2			
Accessories																		
Memory	16	32	64	48	64	128	128	48	96	128	64	96	128	192	192			
Redundant Storage	Opt.	ü	ü	Opt.	ü	ü	-	Opt.	ü	ü	Opt.	ü	ü	-	-			
Redundant Power	Opt.	ü	ü	Opt.	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü			
LOM	Opt.	ü	ü	Opt.	ü	ü	ü	Opt.	ü	ü	Opt.	ü	ü	ü	ü			
Virtual Systems																		
Maximums with default memory	10	30	50	60	250	250	250	125	250	250	125	250	250	250	250			

Base, Plus, Max: Base is a minimum hardware configuration. Plus includes redundant components, additional memory and network I/O for less than purchasing these items separately. Max is the maximum capacity that the security appliance supports.

¹ Includes Firewall, Application Control, URL Filtering, IPS, Antivirus, Anti-Bot, SandBlast.

² Includes Firewall, Application Control, IPS.

³ Performance measured with default/maximum memory.

COMPREHENSIVE SOFTWARE BUNDLES

	NGFW Basic access control with IPS	NGTP Prevent known threats	SandBlast Prevent zero-day threats
Security Gateway Feature Sets			
Firewall	✓	✓	✓
IPsec VPN	✓	✓	✓
Mobile Access	✓	✓	✓
Advanced Networking & Clustering	✓	✓	✓
Identity Awareness	✓	✓	✓
Application Control	✓	✓	✓
Content Awareness	✓	✓	✓
IPS	✓	✓	✓
URL Filtering		✓	✓
Antivirus		✓	✓
Anti-Spam		✓	✓
Anti-Bot		✓	✓
DNS Security		✓	✓
SandBlast Threat Emulation			✓
SandBlast Threat Extraction			✓
Zero Phishing			✓
DLP	Optional	Optional	Optional
IoT Network protection for SMBs*			✓
SD-WAN network optimization for SMBs*	✓	✓	✓
IoT Protect	Optional	Optional	Optional
SD-WAN network optimization for enterprises**	Optional	Optional	Optional
Security Management Feature Sets			
Network Policy Management	✓	✓	✓
Logging & Status	✓	✓	✓

Optional security capabilities can be ordered a-la-carte or separately
 * Starting from release R81.10.10. Managed via local Web UI and Spark Management.
 ** Supported on Smart-1 only

Mobile Access:
 The 28000, 26000, 14000, 7000, 6000, 3000 include 5 users in the default package and this can be extended using Mobile Access extensions
Optional Security Management software features available, but not shown include:
 SmartEvent, Compliance, SmartProvisioning, Endpoint Policy Management