



**Check Point**<sup>®</sup>  
SOFTWARE TECHNOLOGIES LTD



# QUANTUM™ APPLIANCE COMPARISON CHART

SECURE YOUR EVERYTHING™

	3600	3800	6200			6400			6600			6700			6900		
	Branch Office		Small to Mid-Enterprise														
Enterprise Testing Conditions																	
Threat Prevention (Gbps) <sup>1</sup>	780 Mbps	1.5	1.8			2.5			3.7			5.8			7.4		
NGFW Throughput (Gbps) <sup>2</sup>	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) <sup>3</sup>	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
40 GbE	-	-	-	-	-	-	-	-	-	-	-	0	0	2	0	0	8
Accessories																	
Memory	8	16	8	16	32	8	16	32	8	16	32	8	16	32	16	32	64
Redundant Power	O	O	-	✓	✓	✓	✓	✓	O	✓	✓	O	✓	✓	O	✓	✓
LOM	-	-	O	✓	✓	O	✓	✓	O	✓	✓	O	✓	✓	O	✓	✓
Virtual Systems																	
Maximums with default memory	5	10	10	20	20	10	20	20	10	20	20	10	20	20	4	8	16

O optional

**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.

# QUANTUM SECURITY GATEWAY APPLIANCES (continued)

	7000			16200			16600			26000			28000			28600		
	Large Enterprise						Data Center											
<b>Enterprise Testing Conditions</b>																		
Threat Prevention (Gbps) <sup>1</sup>	9.5			15			17.6			24			30			30		
NGFW Throughput (Gbps) <sup>2</sup>	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		
<b>Ideal Testing Conditions</b>																		
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) <sup>3</sup>	4/16			8/32			32			10/32			10/32			49		
<b>Additional Features</b>																		
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		
<b>Physical</b>																		
Enclosure	1U			2U			1U			3U			3U			1U		
<b>Appliance Configurations</b>	<b>Base</b>	<b>Plus</b>	<b>Max</b>	<b>Base</b>	<b>Plus</b>	<b>Max</b>	<b>Base</b>	<b>Plus</b>	<b>Max</b>	<b>Base</b>	<b>Plus</b>	<b>Max</b>	<b>Base</b>	<b>Plus</b>	<b>Max</b>	<b>Base</b>		
<b>Network I/O Expansion Slots</b>	2			4			-			8			8			-		
1 GbE Copper	10	10	26	10	10	34	2	10	10	66	2	10	66	2	10	66	2	
1 GbE Fiber	0	0	8	0	0	16	-	0	0	32	0	0	32	0	0	32	-	
10 GbE	0	4	8	0	8	16	-	0	12	32	4	12	32	4	12	32	-	
40 GbE	0	0	4	0	0	8	-	0	0	16	0	2	16	0	2	16	-	
100/25 GbE	-	-	-	0	0	8	2	0	0	16	0	0	16	0	0	16	2	
<b>Accessories</b>																		
Memory	16	32	64	48	64	128	128	48	96	128	64	96	128	64	96	128	192	
Redundant Storage	O	✓	✓	O	✓	✓	-	O	✓	✓	O	✓	✓	O	✓	✓	-	
Redundant Power	O	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
LOM	O	✓	✓	O	✓	✓	✓	O	✓	✓	O	✓	✓	O	✓	✓	✓	
<b>Virtual Systems</b>																		
Maximums with default memory	10	10	20	60	250	250	250	125	250	250	125	250	250	125	250	250	250	

**O optional 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.

	NGFW	NGTP	NGTP + SandBlast
<b>Security Gateway Feature Sets</b>			
Firewall	✓	✓	✓
Identity Awareness	✓	✓	✓
IPsec VPN	✓	✓	✓
Advanced Networking & Clustering	✓	✓	✓
Mobile Access	✓	✓	✓
IPS	✓	✓	✓
Application Control	✓	✓	✓
Content Awareness	✓	✓	✓
URL Filtering	○	✓	✓
Antivirus	○	✓	✓
Anti-Spam	○	✓	✓
Anti-Bot	○	✓	✓
SandBlast Threat Emulation	○	○	✓
SandBlast Threat Extraction	○	○	✓
DLP	○	○	○
<b>Security Management Feature Sets</b>			
Network Policy Management	✓	✓	✓
Logging & Status	✓	✓	✓

**Mobile Access:**

The 28000, 26000, 16000, 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:**

Monitoring, SmartProvisioning, SmartEvent, Endpoint Policy Management, Compliance