

Product Matrix

lovember 2018

FortiGate® Network Security Platform - *Top Selling Models Matrix

	FG/FWF-30E	FG/FWF-50E	FG/FWF-60E	FG-80E	FG-100E
Firewall Throughput	0.0E.0bpa.****	0 E Chno ****	3/3/3	4/4/4	7.4 / 7.4 / 4.4
(1518/512/64 byte UDP)	0.95 Gbps ****	2.5 Gbps ****	Gbps	Gbps	Gbps
Firewall Latency	130 μs	180 μs	3 µs	3 µs	3 µs
Concurrent Sessions	900,000	1.8 Million	1.3 Million	1.3 Million	2 Million
New Sessions/Sec	15,000	21,000	30,000	30,000	30,000
Firewall Policies	5,000	5,000	5,000	5,000	10,000
IPsec VPN Throughput (512 byte) 1	75 Mbps	90 Mbps	2 Gbps	2.5 Gbps	4 Gbps
Max G/W to G/W IPSEC Tunnels	200	200	200	200	2,000
Max Client to G/W IPSEC Tunnels	250	250	500	2,500	10,000
SSL VPN Throughput	35 Mbps	100 Mps	150 Mbps	200 Mbps	250 Mbps
Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode)	80	80	100	200	300
IPS Throughput (Enterprise Mix) ²	300 Mbps	350 Mbps	400 Mbps	450 Mbps	500 Mbps
SSL Inspection Throughput (IPS, avg. HTTPS) ³	125 Mbps	150 Mbps	135 Mbps	135 Mbps	130 Mbps
Application Control Throughput (HTTP 64K) ²	400 Mbps	450 Mbps	650 Mbps	900 Mbps	1 Gbps
NGFW Throughput (Enterprise Mix) ^{2, 4}	200 Mbps	220 Mbps	250 Mbps	360 Mbps	360 Mbps
Threat Protection Throughput (Ent. Mix) 2,5	150 Mbps	160 Mbps	200 Mbps	250 Mbps	250 Mbps
Max FortiAPs (Total / Tunnel)	2 / 2	10 / 5	30 / 10	32 / 16	64 / 32
Max FortiSwitches	8	8		8	24
			8		
Max FortiTokens	20	100	100 200	100	1,000
Max Registered FortClient	200	200		200	600
Virtual Domains (Default/Max)	5/5	5/5	10 / 10	10 / 10	10 / 10
Interfaces	5x GE RJ45	7x GE RJ45	10x GE RJ45	14x GE RJ45, 2x Shared Port Pairs	20x GE RJ45, 2x Shared Port Pairs
Local Storage	_	32 GB (51E)	128 GB (61E)	128 GB (81E/-POE)	480 GB (101E)
Power Supplies	Single AC PS	Single AC PS	Single AC PS	Single AC PS	Single AC PS, opt. Ext RPS
Form Factor	Desktop	Desktop	Desktop	Desktop	1 RU
Variants	WiFi, 3G4G, LENC	WiFi, Dual WiFi, Storage, LENC	WiFi, Storage, LENC, DSL	POE, Storage	POE, High Port Density
variants	, ,				
Firewall Throughout	FG-200E	FG-300E	FG-500E	FG-800D	FG-900D
Firewall Throughput (1518/512/64 byte UDP)	20 / 20 / 9 Gbps	32 / 32 / 20 Gbps	36 / 36 / 22 Gbps	36 / 36 / 22 Gbps	52 / 52 / 33 Gbps
	20/20/9	32 / 32 / 20			
(1518/512/64 byte UDP)	20 / 20 / 9 Gbps	32 / 32 / 20 Gbps	36 / 36 / 22 Gbps	36 / 36 / 22 Gbps	52 / 52 / 33 Gbps
(1518/512/64 byte UDP) Firewall Latency	20 / 20 / 9 Gbps 3 µs	32 / 32 / 20 Gbps 3 µs	36 / 36 / 22 Gbps 2 µs	36 / 36 / 22 Gbps 3 µs	52 / 52 / 33 Gbps 3 μs
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions	20 / 20 / 9 Gbps 3 μs 2 Million	32 / 32 / 20 Gbps 3 µs 4 Million	36 / 36 / 22 Gbps 2 μs 8 Million	36 / 36 / 22 Gbps 3 μs 5 Million	52 / 52 / 33 Gbps 3 µs 11 Million
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec	20 / 20 / 9 Gbps 3 µs 2 Million 135,000	32 / 32 / 20 Gbps 3 μs 4 Million 300,000	36 / 36 / 22 Gbps 2 µs 8 Million 300,000	36 / 36 / 22 Gbps 3 µs 5 Million 280,000	52 / 52 / 33 Gbps 3 µs 11 Million 280,000
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000	36 / 36 / 22 Gbps 2 µs 8 Million 300,000 10,000	36 / 36 / 22 Gbps 3 μs 5 Million 280,000 10,000	52 / 52 / 33 Gbps 3 μs 11 Million 280,000 10,000
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) 1	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps	36 / 36 / 22 Gbps 2 µs 8 Million 300,000 10,000 20 Gbps	36 / 36 / 22 Gbps 3 µs 5 Million 280,000 10,000 20 Gbps	52 / 52 / 33 Gbps 3 μs 11 Million 280,000 10,000 25 Gbps
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000	36 / 36 / 22 Gbps 2 μs 8 Million 300,000 10,000 20 Gbps 2,000	36 / 36 / 22 Gbps 3 µs 5 Million 280,000 10,000 20 Gbps 2,000	52 / 52 / 33 Gbps 3 μs 11 Million 280,000 10,000 25 Gbps 2,000
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000	36 / 36 / 22 Gbps 2 µs 8 Million 300,000 10,000 20 Gbps 2,000 50,000	36 / 36 / 22 Gbps 3 µs 5 Million 280,000 10,000 20 Gbps 2,000 50,000	52 / 52 / 33 Gbps 3 μs 11 Million 280,000 10,000 25 Gbps 2,000 50,000
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps	36 / 36 / 22 Gbps 2 µs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps	36 / 36 / 22 Gbps 3 µs 5 Million 280,000 10,000 20 Gbps 2,000 50,000 2.2 Gbps	52 / 52 / 33 Gbps 3 μs 11 Million 280,000 10,000 25 Gbps 2,000 50,000 3.6 Gbps 10,000
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) 2	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 2.2 Gbps	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 5 Gbps	36 / 36 / 22 Gbps 2 µs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 500 5.2 Gbps	36 / 36 / 22 Gbps 3 µs 5 Million 280,000 10,000 20 Gbps 2,000 50,000 2.2 Gbps 5,000 4.2 Gbps	52 / 52 / 33 Gbps 3 μs 11 Million 280,000 10,000 25 Gbps 2,000 50,000 3.6 Gbps 10,000 4.2 Gbps
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) 2 SSL Inspection Throughput (IPS, avg. HTTPS) 3	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 2.2 Gbps 820 Mbps	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 5 Gbps 3.9 Gbps	36 / 36 / 22 Gbps 2 μs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 500 5.2 Gbps 5.7 Gbps	36 / 36 / 22 Gbps 3 µs 5 Million 280,000 10,000 20 Gbps 2,000 50,000 2.2 Gbps 5,000 4.2 Gbps 3.9 Gbps	52 / 52 / 33 Gbps 3 μs 11 Million 280,000 10,000 25 Gbps 2,000 50,000 3.6 Gbps 10,000 4.2 Gbps 3.9 Gbps
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) ² SSL Inspection Throughput (IPS, avg. HTTPS) ³ Application Control Throughput (HTTP 64K) ²	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 2.2 Gbps 820 Mbps 3.5 Gbps	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 5 Gbps 3.9 Gbps 7 Gbps	36 / 36 / 22 Gbps 2 μs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 500 5.2 Gbps 5.7 Gbps 14 Gbps	36 / 36 / 22 Gbps 3 µs 5 Million 280,000 10,000 20 Gbps 2,000 50,000 2.2 Gbps 5,000 4.2 Gbps 3.9 Gbps 9 Gbps	52 / 52 / 33 Gbps 3 μs 11 Million 280,000 10,000 25 Gbps 2,000 50,000 3.6 Gbps 10,000 4.2 Gbps 3.9 Gbps 10 Gbps
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) ² SSL Inspection Throughput (IPS, avg. HTTPS) ³ Application Control Throughput (HTTP 64K)² NGFW Throughput (Enterprise Mix) ²-4	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 2.2 Gbps 820 Mbps 3.5 Gbps 1.8 Gbps	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 5 Gbps 3.9 Gbps 7 Gbps 3.5 Gbps	36 / 36 / 22 Gbps 2 µs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 500 5.2 Gbps 5.7 Gbps 14 Gbps 5 Gbps	36 / 36 / 22 Gbps 3 µs 5 Million 280,000 10,000 20 Gbps 2,000 50,000 2.2 Gbps 5,000 4.2 Gbps 3.9 Gbps 9 Gbps 4 Gbps	52 / 52 / 33 Gbps 3 μs 11 Million 280,000 10,000 25 Gbps 2,000 50,000 3.6 Gbps 10,000 4.2 Gbps 3.9 Gbps 10 Gbps 4 Gbps
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) ² SSL Inspection Throughput (IPS, avg. HTTPS) ³ Application Control Throughput (HTTP 64K)² NGFW Throughput (Enterprise Mix) ²-4 Threat Protection Throughput (Ent. Mix) ²-5	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 2.2 Gbps 820 Mbps 3.5 Gbps 1.8 Gbps	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 5 Gbps 3.9 Gbps 7 Gbps 3.5 Gbps 3 Gbps	36 / 36 / 22 Gbps 2 µs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 500 5.2 Gbps 5.7 Gbps 14 Gbps 5 Gbps 4.7 Gbps	36 / 36 / 22 Gbps 3 µs 5 Million 280,000 10,000 20 Gbps 2,000 50,000 2.2 Gbps 5,000 4.2 Gbps 3.9 Gbps 9 Gbps 4 Gbps 3 Gbps	52 / 52 / 33 Gbps 3 µs 11 Million 280,000 10,000 25 Gbps 2,000 50,000 3.6 Gbps 10,000 4.2 Gbps 3.9 Gbps 10 Gbps 4 Gbps 3 Gbps
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) ² SSL Inspection Throughput (IPS, avg. HTTPS) ³ Application Control Throughput (HTTP 64K) ² NGFW Throughput (Enterprise Mix) 2.4 Threat Protection Throughput (Ent. Mix) 2.5 Max FortiAPs (Total / Tunnel)	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 2.2 Gbps 820 Mbps 3.5 Gbps 1.8 Gbps 1.2 Gbps	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 5 Gbps 3.9 Gbps 7 Gbps 3.5 Gbps 3 Gbps 3 Gbps 512 / 256	36 / 36 / 22 Gbps 2 µs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 500 5.2 Gbps 5.7 Gbps 14 Gbps 5 Gbps 4.7 Gbps 512 / 256	36 / 36 / 22 Gbps 3 µs 5 Million 280,000 10,000 20 Gbps 2,000 50,000 2.2 Gbps 5,000 4.2 Gbps 3.9 Gbps 9 Gbps 4 Gbps 3 Gbps 1,024 / 512	52 / 52 / 33 Gbps 3 μs 11 Million 280,000 10,000 25 Gbps 2,000 50,000 3.6 Gbps 10,000 4.2 Gbps 3.9 Gbps 10 Gbps 4 Gbps 3 Gbps 1,024 / 512
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) ² SSL Inspection Throughput (IPS, avg. HTTPS) ³ Application Control Throughput (HTTP 64K) ² NGFW Throughput (Enterprise Mix) 2.4 Threat Protection Throughput (Ent. Mix) 2.5 Max FortiAPs (Total / Tunnel) Max FortiSwitches	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 2.2 Gbps 820 Mbps 3.5 Gbps 1.8 Gbps 1.2 Gbps 128 / 64 24	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 5 Gbps 3.9 Gbps 7 Gbps 3.5 Gbps 3 Gbps 3 Gbps 48	36 / 36 / 22 Gbps 2 µs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 500 5.2 Gbps 5.7 Gbps 14 Gbps 5 Gbps 4.7 Gbps 512 / 256 48	36 / 36 / 22 Gbps 3 µs 5 Million 280,000 10,000 20 Gbps 2,000 50,000 2.2 Gbps 5,000 4.2 Gbps 3.9 Gbps 9 Gbps 4 Gbps 3 Gbps 1,024 / 512 64	52 / 52 / 33 Gbps 3 μs 11 Million 280,000 10,000 25 Gbps 2,000 50,000 3.6 Gbps 10,000 4.2 Gbps 3.9 Gbps 10 Gbps 4 Gbps 3 Gbps 1,024 / 512 64
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(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) 2 SSL Inspection Throughput (IPS, avg. HTTPS) 3 Application Control Throughput (HTTP 64K) 2 NGFW Throughput (Enterprise Mix) 2.4 Threat Protection Throughput (Ent. Mix) 2.5 Max FortiAPs (Total / Tunnel) Max FortiSwitches Max Registered FortClient	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 2.2 Gbps 820 Mbps 3.5 Gbps 1.8 Gbps 1.2 Gbps 128 / 64 24 1,000 600	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 5 Gbps 3.9 Gbps 7 Gbps 3.5 Gbps 3 Gbps 12 / 256 48 1,000 600	36 / 36 / 22 Gbps 2 µs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 500 5 2 Gbps 5,7 Gbps 14 Gbps 5 Gbps 4,7 Gbps 512 / 256 48 1,000 2,000	36 / 36 / 22 Gbps 3 µs 5 Million 280,000 10,000 20 Gbps 2,000 50,000 2.2 Gbps 5,000 4.2 Gbps 3.9 Gbps 9 Gbps 4 Gbps 3 Gbps 1,024 / 512 64 1,000 2,000	52 / 52 / 33 Gbps 3 μs 11 Million 280,000 10,000 25 Gbps 2,000 50,000 3.6 Gbps 10,000 4.2 Gbps 3.9 Gbps 10 Gbps 4 Gbps 3 Gbps 1,024 / 512 64 1,000 2,000
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) 2 SSL Inspection Throughput (IPS, avg. HTTPS) 3 Application Control Throughput (HTTP 64K) 2 NGFW Throughput (Enterprise Mix) 2.4 Threat Protection Throughput (Ent. Mix) 2.5 Max FortiAPs (Total / Tunnel) Max FortiSwitches Max FortiTokens	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 2.2 Gbps 820 Mbps 3.5 Gbps 1.8 Gbps 1.2 Gbps 128 / 64 24 1,000	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 5 Gbps 3.9 Gbps 7 Gbps 3.5 Gbps 3 Gbps 512 / 256 48 1,000	36 / 36 / 22 Gbps 2 µs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 500 5.2 Gbps 5.7 Gbps 14 Gbps 5 Gbps 4.7 Gbps 512 / 256 48 1,000	36 / 36 / 22 Gbps 3 µs 5 Million 280,000 10,000 20 Gbps 2,000 50,000 2.2 Gbps 5,000 4.2 Gbps 3.9 Gbps 9 Gbps 4 Gbps 3 Gbps 1,024 / 512 64 1,000	52 / 52 / 33 Gbps 3 μs 11 Million 280,000 10,000 25 Gbps 2,000 50,000 3.6 Gbps 10,000 4.2 Gbps 3.9 Gbps 10 Gbps 4 Gbps 3 Gbps 1,024 / 512 64 1,000
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) SSL Inspection Throughput (IPS, avg. HTTPS) Application Control Throughput (HTTP 64K) NGFW Throughput (Enterprise Mix) Threat Protection Throughput (Ent. Mix) Max FortiAPs (Total / Tunnel) Max FortiSwitches Max Registered FortClient Virtual Domains (Default/Max) Interfaces	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 2.2 Gbps 820 Mbps 3.5 Gbps 1.8 Gbps 1.2 Gbps 128 / 64 24 1,000 600 10 / 10 18x GE RJ45, 4x GE SFP	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 5 Gbps 3.9 Gbps 7 Gbps 3.5 Gbps 3.5 Gbps 3.1000 600 10 / 10 18x GE RJ45, 16x GE SFP	36 / 36 / 22 Gbps 2 μs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 500 5.2 Gbps 5.7 Gbps 14 Gbps 5 Gbps 4.7 Gbps 512 / 256 48 1,000 2,000 10 / 10 2x 10 GE SFP+, 10x GE RJ45, 8x GE SFP	36 / 36 / 22 Gbps 3 µs 5 Million 280,000 10,000 20 Gbps 2,000 50,000 2.2 Gbps 5,000 4.2 Gbps 3.9 Gbps 9 Gbps 4 Gbps 3 Gbps 1,024 / 512 64 1,000 2,000 10 / 10 2x 10 GE SFP+, 8x GE SFP, 4x GE RJ45 Bypass, 22x GE RJ45	52 / 52 / 33 Gbps 3 μs 11 Million 280,000 10,000 25 Gbps 2,000 50,000 3.6 Gbps 10,000 4.2 Gbps 3.9 Gbps 10 Gbps 4 Gbps 3 Gbps 1,024 / 512 64 1,000 2,000 10 / 10 2x 10 GE SFP+, 16x GE SFP, 18x GE RJ45
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) ² SSL Inspection Throughput (IPS, avg. HTTPS) ³ Application Control Throughput (HTTP 64K) ² NGFW Throughput (Enterprise Mix) ^{2.4} Threat Protection Throughput (Ent. Mix) ^{2.5} Max FortiAPs (Total / Tunnel) Max FortiSwitches Max Registered FortClient Virtual Domains (Default/Max) Interfaces Local Storage	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 2.2 Gbps 820 Mbps 3.5 Gbps 1.8 Gbps 1.2 Gbps 128 / 64 24 1,000 600 10 / 10 18x GE RJ45, 4x GE SFP	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 5 Gbps 3.9 Gbps 7 Gbps 3.5 Gbps 3.5 Gbps 3.1000 600 10 / 10 18x GE RJ45, 16x GE SFP	36 / 36 / 22 Gbps 2 μs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 500 5.2 Gbps 5.7 Gbps 14 Gbps 5 Gbps 4.7 Gbps 512 / 256 48 1,000 2,000 10 / 10 2x 10 GE SFP+, 10x GE RJ45, 8x GE SFP	36 / 36 / 22 Gbps 3 µs 5 Million 280,000 10,000 20 Gbps 2,000 50,000 2.2 Gbps 5,000 4.2 Gbps 3.9 Gbps 9 Gbps 4 Gbps 3 Gbps 1,024 / 512 64 1,000 2,000 10 / 10 2x 10 GE SFP+, 8x GE SFP, 4x GE RJ45 Bypass, 22x GE RJ45	52 / 52 / 33 Gbps 3 μs 11 Million 280,000 10,000 25 Gbps 2,000 50,000 3.6 Gbps 10,000 4.2 Gbps 3.9 Gbps 10 Gbps 4 Gbps 3 Gbps 1,024 / 512 64 1,000 2,000 10 / 10 2x 10 GE SFP+, 16x GE SFP, 18x GE RJ45
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) 2 SSL Inspection Throughput (IPS, avg. HTTPS) 3 Application Control Throughput (HTTP 64K) 2 NGFW Throughput (Enterprise Mix) 2.4 Threat Protection Throughput (Ent. Mix) 2.5 Max FortiAPs (Total / Tunnel) Max FortiSwitches Max FortiTokens Max Registered FortClient Virtual Domains (Default/Max) Interfaces Local Storage Power Supplies	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 2.2 Gbps 820 Mbps 3.5 Gbps 1.8 Gbps 1.2 Gbps 1.2 Gbps 128 / 64 24 1,000 600 10 / 10 18x GE RJ45, 4x GE SFP 480 GB (201E) Single AC PS, opt. Ext RPS	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 5 Gbps 3.9 Gbps 7 Gbps 3.5 Gbps 3.5 Gbps 3.5 Gbps 112 / 256 48 1,000 600 10 / 10 18x GE RJ45, 16x GE SFP 480 GB (301E) Single AC PS, opt. Dual PS	36 / 36 / 22 Gbps 2 µs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 500 5.2 Gbps 5.7 Gbps 14 Gbps 5 Gbps 4.7 Gbps 512 / 256 48 1,000 2,000 10 / 10 2x 10 GE SFP+, 10x GE RJ45, 8x GE SFP 480 GB (501E) Single AC PS, opt. Dual PS	36 / 36 / 22 Gbps 3 µs 5 Million 280,000 10,000 20 Gbps 2,000 50,000 2.2 Gbps 5,000 4.2 Gbps 3.9 Gbps 9 Gbps 4 Gbps 3 Gbps 1,024 / 512 64 1,000 2,000 10 / 10 2x 10 GE SFP+, 8x GE SFP, 4x GE RJ45 Bypass, 22x GE RJ45 240 GB Single AC PS, opt. Dual PS	52 / 52 / 33 Gbps 3 µs 11 Million 280,000 10,000 25 Gbps 2,000 50,000 3.6 Gbps 10,000 4.2 Gbps 3.9 Gbps 10 Gbps 4 Gbps 3 Gbps 1,024 / 512 64 1,000 2,000 10 / 10 2x 10 GE SFP+, 16x GE SFP, 18x GE RJ45 256 GB Dual PS
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) SSL Inspection Throughput (IPS, avg. HTTPS) Application Control Throughput (HTTP 64K) NGFW Throughput (Enterprise Mix) NGFW Throughput (Enterpri	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 2.2 Gbps 820 Mbps 3.5 Gbps 1.8 Gbps 1.2 Gbps 128 / 64 24 1,000 600 10 / 10 18x GE RJ45, 4x GE SFP	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 5 Gbps 3.9 Gbps 7 Gbps 3.5 Gbps 3.5 Gbps 3.1000 600 10 / 10 18x GE RJ45, 16x GE SFP	36 / 36 / 22 Gbps 2 μs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 500 5.2 Gbps 5.7 Gbps 14 Gbps 5 Gbps 4.7 Gbps 512 / 256 48 1,000 2,000 10 / 10 2x 10 GE SFP+, 10x GE RJ45, 8x GE SFP	36 / 36 / 22 Gbps 3 µs 5 Million 280,000 10,000 20 Gbps 2,000 50,000 2.2 Gbps 5,000 4.2 Gbps 3.9 Gbps 9 Gbps 4 Gbps 3 Gbps 1,024 / 512 64 1,000 2,000 10 / 10 2x 10 GE SFP+, 8x GE SFP, 4x GE RJ45 Bypass, 22x GE RJ45	52 / 52 / 33 Gbps 3 μs 11 Million 280,000 10,000 25 Gbps 2,000 50,000 3.6 Gbps 10,000 4.2 Gbps 3.9 Gbps 10 Gbps 4 Gbps 3 Gbps 1,024 / 512 64 1,000 2,000 10 / 10 2x 10 GE SFP+, 16x GE SFP, 18x GE RJ45

FortiGate® Network Security Platform - *Top Selling Models Matrix

	FG-1000D	FG-1200D	FG-1500D	FG-2000E	FG-2500E
Firewall Throughput (1518/512/64 byte UDP)	52 / 52 / 33 Gbps	72 / 72 / 50 Gbps	80 / 80 / 55 Gbps	90 / 90 / 60 Gbps	150 / 150 / 95 Gbps
Firewall Latency	3 µs	3 µs	3 µs	2 µs	2 µs
Concurrent Sessions	11 Million	11 Million	12 Million	20 Million	20 Million
New Sessions/Sec	280,000	290,000	300,000	500,000	500,000
Firewall Policies	100,000	100,000	100,000	100,000	100,000
IPsec VPN Throughput (512 byte) 1	25 Gbps	40 Gbps	50 Gbps	65 Gbps	95 Gbps
Max G/W to G/W IPSEC Tunnels	20,000	20,000	20,000	20,000	20,000
Max Client to G/W IPSEC Tunnels	100,000	100,000	100,000	100,000	100,000
SSL VPN Throughput	3.6 Gbps	3.6 Gbps	4 Gbps	6 Gbps	6 Gbps
Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode)	10,000	10,000	10,000	10,000	10,000
IPS Throughput (Enterprise Mix) ²	6 Gbps	6.8 Gbps	13 Gbps	11.5 Gbps	11.5 Gbps
SSL Inspection Throughput (IPS, avg. HTTPS) ³	5.0 Gbps	5.0 Gbps	5.7 Gbps	9.4 Gbps	9.4 Gbps
Application Control Throughput (HTTP 64K) ²	14 Gbps	15 Gbps	16 Gbps	20 Gbps	20 Gbps
NGFW Throughput (Enterprise Mix) 2,4				9 Gbps	9 Gbps
	5 Gbps	6 Gbps	7 Gbps		
Threat Protection Throughput (Ent. Mix) 2,5	4 Gbps	4 Gbps	5 Gbps	5.4 Gbps	5.4 Gbps
Max FortiAPs (Total, Tunnel)	4,096 / 1,024	4,096 / 1,024	4,096 / 1,024	4,096 / 1,024	4,096 / 1,024
Max FortiSwitches	128	128	128	128	128
Max FortiTokens	5,000	5,000	5,000	5,000	5,000
Max Registered Endpoints	20,000	20,000	20,000	20,000	20,000
Virtual Domains (Default/Max)	10 / 250	10 / 250	10 / 250	10 / 500	10 / 500
Interfaces	2x 10 GE SFP+, 16x GE SFP, 18x GE RJ45	4x 10GE SFP+/GE SFP, 16x GE SFP, 18x GE RJ45	8x 10GE SFP+/GE SFP, 16x GE SFP, 18x GE RJ45	6x 10GE SFP+, , 34x GE RJ45	10x 10GE SFP+, 2x 10GE SFP+ bypass, 34x GE RJ45
Local Storage	256 GB	240 GB	480 GB	480 GB	480 GB
Power Supplies	Dual PS	Dual PS	Dual PS	Dual PS	Dual PS
Form Factor	2 RU	2 RU	2 RU	2 RU	2 RU
Variants	LENC	LENC	10GE RJ45, DC, LENC	<u> </u>	LENC
	FG-3000D	FG-3100D	FG-3200D	FG-3700D	FG-3800D
Firewall Throughput (1518/512/64 byte UDP)	80 / 80 / 50 Gbps	80 / 80 / 50 Gbps	80 / 80 / 50 Gbps	160 / 160 / 110 Gbps	320 / 300 / 150 Gbps
(1010/012/012/012/01/					
Firewall Latency	3 µs	3 µs	3 µs	2 μs	5 μs
	3 µs 50 Million	3 µs 50 Million	3 µs 50 Million	2 μs 50 Million	5 µs 95 Million
Firewall Latency					
Firewall Latency Concurrent Sessions	50 Million	50 Million	50 Million	50 Million	95 Million
Firewall Latency Concurrent Sessions New Sessions/Sec	50 Million 400,000	50 Million 400,000	50 Million 400,000	50 Million 400,000	95 Million 480,000
Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies	50 Million 400,000 200,000	50 Million 400,000 200,000	50 Million 400,000 200,000	50 Million 400,000 200,000	95 Million 480,000 200,000
Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) 1	50 Million 400,000 200,000 50 Gbps	50 Million 400,000 200,000 50 Gbps	50 Million 400,000 200,000 50 Gbps	50 Million 400,000 200,000 100 Gbps	95 Million 480,000 200,000 135 Gbps
Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels	50 Million 400,000 200,000 50 Gbps 40,000	50 Million 400,000 200,000 50 Gbps 40,000	50 Million 400,000 200,000 50 Gbps 40,000	50 Million 400,000 200,000 100 Gbps 40,000	95 Million 480,000 200,000 135 Gbps 40,000
Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels	50 Million 400,000 200,000 50 Gbps 40,000 200,000	50 Million 400,000 200,000 50 Gbps 40,000 200,000	50 Million 400,000 200,000 50 Gbps 40,000 200,000	50 Million 400,000 200,000 100 Gbps 40,000 200,000	95 Million 480,000 200,000 135 Gbps 40,000 200,000
Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps	50 Million 400,000 200,000 100 Gbps 40,000 200,000 10 Gbps	95 Million 480,000 200,000 135 Gbps 40,000 200,000 10 Gbps
Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode)	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000	50 Million 400,000 200,000 100 Gbps 40,000 200,000 10 Gbps 30,000	95 Million 480,000 200,000 135 Gbps 40,000 200,000 10 Gbps 30,000
Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) ²	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 22 Gbps	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000	50 Million 400,000 200,000 100 Gbps 40,000 200,000 10 Gbps 30,000 28 Gbps 15.5 Gbps	95 Million 480,000 200,000 135 Gbps 40,000 200,000 10 Gbps 30,000 30 Gbps
Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) 2 SSL Inspection Throughput (IPS, avg. HTTPS) 3 Application Control Throughput (HTTP 64K) 2	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 23 Gbps 15 Gbps	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 22 Gbps 16 Gbps	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 26 Gbps 17 Gbps	50 Million 400,000 200,000 100 Gbps 40,000 200,000 10 Gbps 30,000 28 Gbps	95 Million 480,000 200,000 135 Gbps 40,000 200,000 10 Gbps 30,000 30 Gbps 14.4 Gbps
Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) 2 SSL Inspection Throughput (IPS, avg. HTTPS) 3	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 23 Gbps 15 Gbps 40 Gbps 22 Gbps	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 22 Gbps 16 Gbps 40 Gbps	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 26 Gbps 17 Gbps 50 Gbps 24 Gbps	50 Million 400,000 200,000 100 Gbps 40,000 200,000 10 Gbps 30,000 28 Gbps 15.5 Gbps 40 Gbps	95 Million 480,000 200,000 135 Gbps 40,000 200,000 10 Gbps 30,000 30 Gbps 14.4 Gbps 44 Gbps 20 Gbps
Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) 2 SSL Inspection Throughput (IPS, avg. HTTPS) 3 Application Control Throughput (HTTP 64K) 2 NGFW Throughput (Enterprise Mix) 2.4	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 23 Gbps 15 Gbps 40 Gbps	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 22 Gbps 16 Gbps 40 Gbps 18 Gbps	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 26 Gbps 17 Gbps 50 Gbps 24 Gbps 15 Gbps	50 Million 400,000 200,000 100 Gbps 40,000 200,000 10 Gbps 30,000 28 Gbps 15.5 Gbps 40 Gbps 20 Gbps	95 Million 480,000 200,000 135 Gbps 40,000 200,000 10 Gbps 30,000 30 Gbps 14.4 Gbps 44 Gbps 20 Gbps 13 Gbps
Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) ² SSL Inspection Throughput (IPS, avg. HTTPS) ³ Application Control Throughput (HTTP 64K)² NGFW Throughput (Enterprise Mix) 2.4 Threat Protection Throughput (Ent. Mix) 2.5	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 23 Gbps 15 Gbps 40 Gbps 22 Gbps 13 Gbps 13 Gbps	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 22 Gbps 16 Gbps 40 Gbps 13 Gbps 4096 / 1024	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 26 Gbps 17 Gbps 50 Gbps 24 Gbps 15 Gbps 15 Gbps	50 Million 400,000 200,000 100 Gbps 40,000 200,000 10 Gbps 30,000 28 Gbps 15.5 Gbps 40 Gbps 20 Gbps 13 Gbps 4,096 / 1,024	95 Million 480,000 200,000 135 Gbps 40,000 200,000 10 Gbps 30,000 30 Gbps 14.4 Gbps 44 Gbps 20 Gbps 13 Gbps 4,096 / 1,024
Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) ² SSL Inspection Throughput (IPS, avg. HTTPS) ³ Application Control Throughput (HTTP 64K) ² NGFW Throughput (Enterprise Mix) 2.4 Threat Protection Throughput (Ent. Mix) 2.5 Max FortiAPs (Total, Tunnel) Max FortiSwitches	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 23 Gbps 15 Gbps 40 Gbps 22 Gbps 13 Gbps 13 Gbps 4096 / 1024 256	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 22 Gbps 16 Gbps 40 Gbps 13 Gbps 4096 / 1024 256	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 26 Gbps 17 Gbps 50 Gbps 24 Gbps 15 Gbps 15 Gbps 4096 / 1024 256	50 Million 400,000 200,000 100 Gbps 40,000 200,000 10 Gbps 30,000 28 Gbps 15.5 Gbps 40 Gbps 20 Gbps 13 Gbps 4,096 / 1,024 256	95 Million 480,000 200,000 135 Gbps 40,000 200,000 10 Gbps 30,000 30 Gbps 14.4 Gbps 44 Gbps 20 Gbps 13 Gbps 13 Gbps 4,096 / 1,024 256
Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) ² SSL Inspection Throughput (IPS, avg. HTTPS) ³ Application Control Throughput (HTTP 64K) ² NGFW Throughput (Enterprise Mix) 2.4 Threat Protection Throughput (Ent. Mix) 2.5 Max FortiAPs (Total, Tunnel) Max FortiSwitches Max FortiTokens	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 23 Gbps 15 Gbps 40 Gbps 22 Gbps 13 Gbps 4096 / 1024 256 5,000	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 22 Gbps 16 Gbps 40 Gbps 18 Gbps 13 Gbps 4096 / 1024 256 5,000	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 26 Gbps 17 Gbps 50 Gbps 24 Gbps 15 Gbps 4096 / 1024 256 5,000	50 Million 400,000 200,000 100 Gbps 40,000 200,000 10 Gbps 30,000 28 Gbps 15.5 Gbps 40 Gbps 20 Gbps 13 Gbps 4,096 / 1,024 256 5,000	95 Million 480,000 200,000 135 Gbps 40,000 200,000 10 Gbps 30,000 30 Gbps 14.4 Gbps 44 Gbps 20 Gbps 13 Gbps 13 Gbps 4,096 / 1,024 256 5,000
Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) ² SSL Inspection Throughput (IPS, avg. HTTPS) ³ Application Control Throughput (HTTP 64K) ² NGFW Throughput (Enterprise Mix) 2.4 Threat Protection Throughput (Ent. Mix) 2.5 Max FortiAPs (Total, Tunnel) Max FortiSwitches Max Registered Endpoints	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 23 Gbps 15 Gbps 40 Gbps 22 Gbps 13 Gbps 13 Gbps 4096 / 1024 256 5,000 50,000	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 22 Gbps 16 Gbps 40 Gbps 13 Gbps 13 Gbps 4096 / 1024 256 5,000 50,000	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 26 Gbps 17 Gbps 50 Gbps 24 Gbps 15 Gbps 4096 / 1024 256 5,000 50,000	50 Million 400,000 200,000 100 Gbps 40,000 200,000 10 Gbps 30,000 28 Gbps 15.5 Gbps 40 Gbps 20 Gbps 13 Gbps 4,096 / 1,024 256 5,000 100,000	95 Million 480,000 200,000 135 Gbps 40,000 200,000 10 Gbps 30,000 30 Gbps 14.4 Gbps 20 Gbps 13 Gbps 4,096 / 1,024 256 5,000 100,000
Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) ² SSL Inspection Throughput (IPS, avg. HTTPS) ³ Application Control Throughput (HTTP 64K) ² NGFW Throughput (Enterprise Mix) 2.4 Threat Protection Throughput (Ent. Mix) 2.5 Max FortiAPs (Total, Tunnel) Max FortiSwitches Max FortiTokens	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 23 Gbps 15 Gbps 40 Gbps 22 Gbps 13 Gbps 4096 / 1024 256 5,000	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 22 Gbps 16 Gbps 40 Gbps 18 Gbps 13 Gbps 4096 / 1024 256 5,000	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 26 Gbps 17 Gbps 50 Gbps 24 Gbps 15 Gbps 4096 / 1024 256 5,000	50 Million 400,000 200,000 100 Gbps 40,000 200,000 10 Gbps 30,000 28 Gbps 15.5 Gbps 40 Gbps 20 Gbps 13 Gbps 4,096 / 1,024 256 5,000	95 Million 480,000 200,000 135 Gbps 40,000 200,000 10 Gbps 30,000 30 Gbps 14.4 Gbps 44 Gbps 20 Gbps 13 Gbps 13 Gbps 4,096 / 1,024 256 5,000
Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) ² SSL Inspection Throughput (IPS, avg. HTTPS) ³ Application Control Throughput (HTTP 64K) ² NGFW Throughput (Enterprise Mix) 2.4 Threat Protection Throughput (Ent. Mix) 2.5 Max FortiAPs (Total, Tunnel) Max FortiSwitches Max Registered Endpoints Virtual Domains (Default/Max) Interfaces	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 23 Gbps 15 Gbps 40 Gbps 22 Gbps 13 Gbps 4096 / 1024 256 5,000 50,000 10 / 500	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 22 Gbps 16 Gbps 40 Gbps 13 Gbps 13 Gbps 4096 / 1024 256 5,000 50,000 10 / 500 32x 10GE SFP+/GE SFP, 2x GE RJ45	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 26 Gbps 17 Gbps 50 Gbps 24 Gbps 15 Gbps 4096 / 1024 256 5,000 50,000 10 / 500 48x 10GE SFP+/GE SFP, 2x GE RJ45	50 Million 400,000 200,000 100 Gbps 40,000 200,000 110 Gbps 30,000 28 Gbps 15.5 Gbps 40 Gbps 20 Gbps 13 Gbps 4,096 / 1,024 256 5,000 100,000 10 / 500 4x 40GE QSFP+, 20x 10GE SFP+/GE SFP, 8x SFP+, 2x GE RJ45	95 Million 480,000 200,000 135 Gbps 40,000 200,000 10 Gbps 30,000 30 Gbps 14.4 Gbps 20 Gbps 13 Gbps 4,096 / 1,024 256 5,000 100,000 10 / 500 4x 100GE CFP2, 4x 40GE QSFP+ 8x 10GE SFP+, 2x GE RJ45
Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) ² SSL Inspection Throughput (IPS, avg. HTTPS) ³ Application Control Throughput (HTTP 64K) ² NGFW Throughput (Enterprise Mix) ^{2,4} Threat Protection Throughput (Ent. Mix) ^{2,5} Max FortiAPs (Total, Tunnel) Max FortiSwitches Max Registered Endpoints Virtual Domains (Default/Max) Interfaces Local Storage	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 23 Gbps 15 Gbps 40 Gbps 22 Gbps 13 Gbps 4096 / 1024 256 5,000 50,000 10 / 500 16x 10GE SFP+/GE SFP, 2x GE RJ45	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 22 Gbps 16 Gbps 40 Gbps 13 Gbps 13 Gbps 4096 / 1024 256 5,000 50,000 10 / 500 32x 10GE SFP+/GE SFP, 2x GE RJ45 480 GB	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 26 Gbps 17 Gbps 50 Gbps 24 Gbps 15 Gbps 4096 / 1024 256 5,000 50,000 10 / 500 48x 10GE SFP+/GE SFP, 2x GE RJ45 960 GB	50 Million 400,000 200,000 100 Gbps 40,000 200,000 110 Gbps 30,000 28 Gbps 15.5 Gbps 40 Gbps 20 Gbps 13 Gbps 4,096 / 1,024 256 5,000 100,000 10 / 500 4x 40GE QSFP+, 20x 10GE SFP+/GE SFP, 8x SFP+, 2x GE RJ45 2x 2TB HDD	95 Million 480,000 200,000 135 Gbps 40,000 200,000 10 Gbps 30,000 30 Gbps 14.4 Gbps 44 Gbps 20 Gbps 13 Gbps 13 Gbps 13 Gbps 4,096 / 1,024 256 5,000 100,000 10 / 500 4x 100GE CFP2, 4x 40GE OSFP+ 8x 10GE SFP+, 2x GE RJ45 960 GB
Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) ² SSL Inspection Throughput (IPS, avg. HTTPS) ³ Application Control Throughput (HTTP 64K) ² NGFW Throughput (Enterprise Mix) ² 4 Threat Protection Throughput (Ent. Mix) ².5 Max FortiAPs (Total, Tunnel) Max FortiSwitches Max Registered Endpoints Virtual Domains (Default/Max) Interfaces Local Storage Power Supplies	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 23 Gbps 15 Gbps 40 Gbps 22 Gbps 13 Gbps 4096 / 1024 256 5,000 50,000 10 / 500 16x 10GE SFP+/GE SFP, 2x GE RJ45 480 GB Dual PS	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 22 Gbps 16 Gbps 40 Gbps 13 Gbps 13 Gbps 4096 / 1024 256 5,000 50,000 10 / 500 32x 10GE SFP+/GE SFP, 2x GE RJ45 480 GB Dual PS	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 26 Gbps 17 Gbps 50 Gbps 24 Gbps 15 Gbps 4096 / 1024 256 5,000 50,000 10 / 500 48x 10GE SFP+/GE SFP, 2x GE RJ45 960 GB Dual PS	50 Million 400,000 200,000 100 Gbps 40,000 200,000 110 Gbps 30,000 28 Gbps 15.5 Gbps 40 Gbps 20 Gbps 13 Gbps 4,096 / 1,024 256 5,000 100,000 10 / 500 4x 40GE QSFP+, 20x 10GE SFP+/GE SFP, 8x SFP+, 2x GE RJ45 2x 2TB HDD Dual PS	95 Million 480,000 200,000 135 Gbps 40,000 200,000 10 Gbps 30,000 30 Gbps 14.4 Gbps 20 Gbps 13 Gbps 4,096 / 1,024 256 5,000 100,000 10 / 500 4x 100GE CFP2, 4x 40GE OSFP+ 8x 10GE SFP+, 2x GE RJ45 960 GB Dual PS
Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput (Enterprise Mix) ² SSL Inspection Throughput (IPS, avg. HTTPS) ³ Application Control Throughput (HTTP 64K) ² NGFW Throughput (Enterprise Mix) ² 4 Threat Protection Throughput (Ent. Mix) ².5 Max FortiAPs (Total, Tunnel) Max FortiSwitches Max FortiTokens Max Registered Endpoints Virtual Domains (Default/Max) Interfaces Local Storage	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 23 Gbps 15 Gbps 40 Gbps 22 Gbps 13 Gbps 4096 / 1024 256 5,000 50,000 10 / 500 16x 10GE SFP+/GE SFP, 2x GE RJ45	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 22 Gbps 16 Gbps 40 Gbps 13 Gbps 13 Gbps 4096 / 1024 256 5,000 50,000 10 / 500 32x 10GE SFP+/GE SFP, 2x GE RJ45 480 GB	50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 26 Gbps 17 Gbps 50 Gbps 24 Gbps 15 Gbps 4096 / 1024 256 5,000 50,000 10 / 500 48x 10GE SFP+/GE SFP, 2x GE RJ45 960 GB	50 Million 400,000 200,000 100 Gbps 40,000 200,000 110 Gbps 30,000 28 Gbps 15.5 Gbps 40 Gbps 20 Gbps 13 Gbps 4,096 / 1,024 256 5,000 100,000 10 / 500 4x 40GE QSFP+, 20x 10GE SFP+/GE SFP, 8x SFP+, 2x GE RJ45 2x 2TB HDD	95 Million 480,000 200,000 135 Gbps 40,000 200,000 10 Gbps 30,000 30 Gbps 14.4 Gbps 44 Gbps 20 Gbps 13 Gbps 13 Gbps 13 Gbps 4,096 / 1,024 256 5,000 100,000 10 / 500 4x 100GE CFP2, 4x 40GE OSFP+ 8x 10GE SFP+, 2x GE RJ45 960 GB

^{*} Featured Top selling models, for complete FortiGate offerings please visit www.fortinet.com. FortiGate virtual appliances are also available. All performance values are "up to" and vary depending on system configuration.

FortiGate® Network Security Platform - *Top Selling Models Matrix

	FG-3960E	FG-3980E	FG-6300F	FG-6500F	FG-7030E
Firewall Throughput 1518/512/64 byte UDP)	620 / 610 / 370 Gbps	1.05 Tbps / 1.05 Tbps / 680 Gbps	239 / 238 / 135 Gbps	239 / 238 / 135 Gbps	155 / 155 / 155 Gbps
Firewall Latency	3 µs	3 µs	5 μs	5 μs	7 μs
Concurrent Sessions	160 Million	160 Million	120 Million	200 Million	160 Million
lew Sessions/Sec	550,000	550,000	2 Million	3 Million	900,000
irewall Policies	200,000	200,000	200,000	200,000	200,000
Psec VPN Throughput (512 byte) 1	280 Gbps	400 Gbps	96 Gbps	160 Gbps	40 Gbps
Max G/W to G/W IPSEC Tunnels	40,000	40,000	16,000	16,000	16,000
Max Client to G/W IPSEC Tunnels	200,000	200,000	90,000	90,000	64,000
SSL VPN Throughput	9 Gbps	9.5 Gbps	9 Gbps	9 Gbps	15 Gbps
Concurrent SSL VPN Users Recommended Maximum, Tunnel Mode)	30,000	30,000	30,000	30,000	48,000
PS Throughput (Enterprise Mix) ²	30 Gbps	32 Gbps	110 Gbps	170 Gbps	60 Gbps
SSL Inspection Throughput (IPS, avg. HTTPS) ³	23 Gbps	26 Gbps	66 Gbps	110 Gbps	Refer to Data Sheet
pplication Control Throughput (HTTP 64K) ²					
<u> </u>	40 Gbps	55 Gbps	150 Gbps	220 Gbps	65 Gbps
GFW Throughput (Enterprise Mix) 2,4	22 Gbps	28 Gbps	90 Gbps	150 Gbps	50 Gbps
hreat Protection Throughput (Ent. Mix) 2,5	13.5 Gbps	20 Gbps	60 Gbps	100 Gbps	35 Gbps
Max FortiAPs (Total, Tunnel)	4,096 / 1,024	4,096 / 1,024	_	_	_
Max FortiSwitches	256	256		—	
lax FortiTokens	5,000	5,000	5,000	5,000	5,000
Max Registered Endpoints	100,000	100,000	20,000	20,000	20,000
irtual Domains (Default/Max)	10 / 500	10 / 500	10 / 500	10 / 500	10 / 500
nterfaces	6x 100GE QSFP28, 16x 10GE SFP+, 2x GE RJ45	10x 100GE QSFP28, 16x 10GE SFP+, 2x GE RJ45	4x 100GE QSFP28, 24x 25GE SFP28, 3x 10GE SFP+,2x GE RJ45	4x 100GE QSFP28, 24x 25GE SFP28, 3x 10GE SFP+,2x GE RJ45	Varied
ocal Storage	_	_	2 TB NVMe (6301F)	2 TB NVMe (6501F)	_
ower Supplies	3 PS	3 PS	3 PS	3 PS	3+1 PS
orm Factor	5 RU	5 RU	3 RU	3 RU	6 RU
			0.110	0.10	
/ariants	DC	DC	_	_	
Second Theory back	FG-7040E	FG-7060E	FG-5001E		
Firewall Throughput 1518/512/64 byte UDP)	315 / 310 / 200 Gbps	630 / 630 / 340 Gbps	80 / 80 / 50 Gbps		
irewall Latency	7 μs	7 μs	3 µs		
		000 14111	4 O A 4:11:		
oncurrent Sessions	160 Million	320 Million	40 Million		
	160 Million 950,000	320 Million 1.8 Million	40 Million 640,000		
lew Sessions/Sec					
lew Sessions/Sec irewall Policies	950,000	1.8 Million	640,000		
lew Sessions/Sec irewall Policies Psec VPN Throughput (512 byte) ¹	950,000 200,000	1.8 Million 200,000	640,000 200,000		
lew Sessions/Sec irewall Policies Psec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels	950,000 200,000 100 Gbps	1.8 Million 200,000 100 Gbps	640,000 200,000 45 Gbps		
New Sessions/Sec Firewall Policies Psec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels	950,000 200,000 100 Gbps 16,000 64,000	1.8 Million 200,000 100 Gbps 16,000 64,000	640,000 200,000 45 Gbps 40,000 64,000		
lew Sessions/Sec Firewall Policies Psec VPN Throughput (512 byte) Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users	950,000 200,000 100 Gbps 16,000	1.8 Million 200,000 100 Gbps 16,000	640,000 200,000 45 Gbps 40,000		
lew Sessions/Sec irewall Policies Psec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users Recommended Maximum, Tunnel Mode)	950,000 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000	1.8 Million 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000	640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000		
lew Sessions/Sec Frewall Policies Psec VPN Throughput (512 byte) 1 Aax G/W to G/W IPSEC Tunnels Aax Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users Recommended Maximum, Tunnel Mode) PS Throughput (Enterprise Mix) 2	950,000 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps	1.8 Million 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000	640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000		
lew Sessions/Sec irrewall Policies Psec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users Recommended Maximum, Tunnel Mode) PS Throughput (Enterprise Mix) 2 SSL Inspection Throughput (IPS, avg. HTTPS) 3	950,000 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet	1.8 Million 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet	640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 18 Gbps Refer to Data Sheet		
lew Sessions/Sec Firewall Policies Psec VPN Throughput (512 byte) Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users Recommended Maximum, Tunnel Mode) PS Throughput (Enterprise Mix) SSL Inspection Throughput (IPS, avg. HTTPS) Application Control Throughput (HTTP 64K)	950,000 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet	1.8 Million 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps	640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 18 Gbps Refer to Data Sheet 36 Gbps		
lew Sessions/Sec irewall Policies Psec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SISL VPN Throughput Concurrent SSL VPN Users Recommended Maximum, Tunnel Mode) PS Throughput (Enterprise Mix) 2 SISL Inspection Throughput (IPS, avg. HTTPS) 3 Application Control Throughput (HTTP 64K) 2 IGFW Throughput (Enterprise Mix) 2.4	950,000 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps 50 Gbps	1.8 Million 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps 100 Gbps	640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 18 Gbps Refer to Data Sheet 36 Gbps 15 Gbps		
lew Sessions/Sec irewall Policies Psec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SL VPN Throughput Concurrent SSL VPN Users Recommended Maximum, Tunnel Mode) PS Throughput (Enterprise Mix) 2 SL Inspection Throughput (IPS, avg. HTTPS) 3 Application Control Throughput (HTTP 64K) 2 IGFW Throughput (Enterprise Mix) 2.4 hreat Protection Throughput (Ent. Mix) 2.5	950,000 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet	1.8 Million 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps	640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 18 Gbps Refer to Data Sheet 36 Gbps 15 Gbps 13.5 Gbps		
ew Sessions/Sec irewall Policies 2sec VPN Throughput (512 byte) 1 dax G/W to G/W IPSEC Tunnels dax Client to G/W IPSEC Tunnels SL VPN Throughput oncurrent SSL VPN Users Recommended Maximum, Tunnel Mode) 2S Throughput (Enterprise Mix) 2 SL Inspection Throughput (IPS, avg. HTTPS) 3 pplication Control Throughput (HTTP 64K) 2 GFW Throughput (Enterprise Mix) 2.4 hreat Protection Throughput (Ent. Mix) 2.5 dax FortiAPs (Total, Tunnel)	950,000 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps 50 Gbps	1.8 Million 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps 100 Gbps	640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 18 Gbps Refer to Data Sheet 36 Gbps 15 Gbps		
lew Sessions/Sec irewall Policies Psec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SL VPN Throughput Concurrent SSL VPN Users Recommended Maximum, Tunnel Mode) PS Throughput (Enterprise Mix) 2 SL Inspection Throughput (IPS, avg. HTTPS) 3 Application Control Throughput (HTTP 64K) 2 IGFW Throughput (Enterprise Mix) 2.4 hreat Protection Throughput (Ent. Mix) 2.5 Max FortiAPs (Total, Tunnel) Max FortiSwitches	950,000 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps 50 Gbps 40 Gbps	1.8 Million 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps 100 Gbps 80 Gbps ————————————————————————————————————	640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 18 Gbps Refer to Data Sheet 36 Gbps 15 Gbps 13.5 Gbps 4,096 / 1,024		
lew Sessions/Sec irewall Policies Psec VPN Throughput (512 byte) 1 Psec VPN Throughput (512 byte) 2 Psec VPN Throughput (512 byte) 3 Psec VPN Users Recommended Maximum, Tunnel Mode) Pse Throughput (Enterprise Mix) 2 Psec Throughput (Enterprise Mix) 3 Psec VPN Throughput (FITP 64K) 2 Psec VPN Throughput (Enterprise Mix) 2.4 Psec VPN Throughput (Enterprise Mix) 2.5 Psec VPN Throughput (Ent. Mix) 2.5 Psec VPN Throughput (Total, Tunnel) Psec VPN Throughput (Total, Tunnel) Psec VPN Throughput (FIT. Mix) 2.5 Psec V	950,000 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps 50 Gbps 40 Gbps — — 5,000	1.8 Million 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps 100 Gbps 80 Gbps — — 5,000	640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 18 Gbps Refer to Data Sheet 36 Gbps 15 Gbps 13.5 Gbps 4,096 / 1,024 — 5,000		
lew Sessions/Sec irewall Policies Psec VPN Throughput (512 byte) 1 Psec VPN Throughput (512 byte) 2 Psec VPN Throughput (512 byte) 3 Psec VPN Users Psec VPN Us	950,000 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps 50 Gbps 40 Gbps — — 5,000	1.8 Million 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps 100 Gbps 80 Gbps — — 5,000 20,000	640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 18 Gbps Refer to Data Sheet 36 Gbps 15 Gbps 13.5 Gbps 4,096 / 1,024 — 5,000 20,000		
lew Sessions/Sec Frewall Policies Psec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users Recommended Maximum, Tunnel Mode) PS Throughput (Enterprise Mix) 2 SSL Inspection Throughput (IPS, avg. HTTPS) 3 Application Control Throughput (HTTP 64K) 2 IGFW Throughput (Enterprise Mix) 2.4 Threat Protection Throughput (Ent. Mix) 2.5 Max FortiAPs (Total, Tunnel) Max FortiSwitches Max Registered Endpoints Firtual Domains (Default/Max)	950,000 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps 50 Gbps 5,000 20,000	1.8 Million 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps 100 Gbps 80 Gbps 5,000 20,000 10 / 500	640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 18 Gbps Refer to Data Sheet 36 Gbps 15 Gbps 13.5 Gbps 4,096 / 1,024 — 5,000 20,000 10 / 500 2x 40GE QSFP+, 2x 10GE		
lew Sessions/Sec Frewall Policies Psec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users Recommended Maximum, Tunnel Mode) PS Throughput (Enterprise Mix) 2 SSL Inspection Throughput (IPS, avg. HTTPS) 3 Application Control Throughput (HTTP 64K) 2 IGFW Throughput (Enterprise Mix) 2.4 Threat Protection Throughput (Ent. Mix) 2.5 Max FortiAPs (Total, Tunnel) Max FortiSwitches Max Registered Endpoints Firtual Domains (Default/Max)	950,000 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps 50 Gbps 40 Gbps — — 5,000	1.8 Million 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps 100 Gbps 80 Gbps — — 5,000 20,000	640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 18 Gbps Refer to Data Sheet 36 Gbps 15 Gbps 13.5 Gbps 4,096 / 1,024 — 5,000 20,000		
lew Sessions/Sec Frewall Policies Psec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users Recommended Maximum, Tunnel Mode) PS Throughput (Enterprise Mix) 2 SSL Inspection Throughput (IPS, avg. HTTPS) 3 Application Control Throughput (HTTP 64K) 2 UGFW Throughput (Enterprise Mix) 2.4 Threat Protection Throughput (Ent. Mix) 2.5 Max FortiAPs (Total, Tunnel) Max FortiSwitches Max Registered Endpoints Virtual Domains (Default/Max)	950,000 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps 50 Gbps 5,000 20,000	1.8 Million 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps 100 Gbps 80 Gbps 5,000 20,000 10 / 500	640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 18 Gbps Refer to Data Sheet 36 Gbps 15 Gbps 13.5 Gbps 4,096 / 1,024 — 5,000 20,000 10 / 500 2x 40GE QSFP+, 2x 10GE		
lew Sessions/Sec Firewall Policies Psec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users Recommended Maximum, Tunnel Mode) PS Throughput (Enterprise Mix) 2 SSL Inspection Throughput (IPS, avg. HTTPS) 3 Application Control Throughput (HTTP 64K) 2 UGFW Throughput (Enterprise Mix) 2.4 Threat Protection Throughput (Ent. Mix) 2.5 Max FortiAPs (Total, Tunnel) Max FortiSwitches Max FortiSwitches Max Registered Endpoints Iritual Domains (Default/Max) Interfaces Local Storage	950,000 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps 50 Gbps 5,000 20,000	1.8 Million 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps 100 Gbps 80 Gbps 5,000 20,000 10 / 500	640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 18 Gbps Refer to Data Sheet 36 Gbps 15 Gbps 13.5 Gbps 4,096 / 1,024 — 5,000 20,000 10 / 500 2x 40GE QSFP+, 2x 10GE		
Concurrent Sessions New Sessions/Sec Firewall Policies Psec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users Recommended Maximum, Tunnel Mode) PS Throughput (Enterprise Mix) 2 SSL Inspection Throughput (IPS, avg. HTTPS) 3 Application Control Throughput (HTTP 64K) 2 NGFW Throughput (Enterprise Mix) 2.4 Threat Protection Throughput (Ent. Mix) 2.5 Max FortiAPs (Total, Tunnel) Max FortiSwitches Max FortiSwitches Max Registered Endpoints //irtual Domains (Default/Max) Interfaces Local Storage Power Supplies Form Factor	950,000 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps 50 Gbps 40 Gbps 5,000 20,000 10 / 500	1.8 Million 200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps 100 Gbps 80 Gbps — — 5,000 20,000 10 / 500 Varied	640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 18 Gbps Refer to Data Sheet 36 Gbps 15 Gbps 13.5 Gbps 4,096 / 1,024 — 5,000 20,000 10 / 500 2x 40GE QSFP+, 2x 10GE SFP+, 2x GE RJ45		

^{1.} IPsec VPN performance test uses AES256-SHA256.

 $[\]hbox{2. IPS, Application Control, NGFW and Threat Protection are measured with Logging enabled.}\\$

^{3.} SSL Inspection performance values use an average of HTTPS sessions of different cipher suites.

^{4.} NGFW performance is measured with Firewall, IPS and Application Control enabled, Enterprise Mix traffic.

Threat Protection performance is measured with Firewall, IPS, Application Control and Malware Protection enabled, Enterprise Mix traffic.

FortiManager™ Centralized Management Platform

	FMG-200F	FMG-300F	FMG-400E	FMG-2000E	FMG-3000F	FMG-3700F	FMG-VM-BASE to FMG-VM-UL-UG
Devices/VDOMs (Maximum)	30	100	300	1,200	4,000	10,000+	10 to Unlimited
Sustained Log Rates	50	50	50	50	150	150	Hardware dependent
GB/Day	2	2	2	2	10	10	1-50
Total Interfaces	2x GE RJ45, 2x GE SFP	4x GE RJ45, 2x GE SFP	2x GE RJ45	4x GE, 2x 10GE SFP+	4x GE, 2x 10GE SFP+	2x GE, 2x 10GE SFP+	1 / 4 (vNIC Min / Max)
Storage Capacity	2x 4 TB	4x 4 TB	8x 3 TB	12x 3 TB	16x 3 TB	60x 4 TB	80 GB / 16 TB (Min / Max)

FortiAnalyzer™ Centralized Logging & Reporting Solution

	FAZ-200F	FAZ-300F	FAZ-400E	FAZ-800F	FAZ-1000E
GB Logs/Day	100	150	200	300	600
Analytic Sustained Rate (logs/sec)	3,000	4,500	6,000	8,250	18,000
Collector Sustained Rate (logs/sec)	4,500	6,750	9,000	12,000	27,000
Total Interfaces	2x GE RJ45	2x GE RJ45, 2x GE SFP	4x GE RJ45	4x GE RJ45, 2x GE SFP	2x GE RJ45
Storage Capacity	1x 4 TB	2x 4 TB	4x 3 TB	4x 4 TB	8x 3 TB
	FAZ-2000E	FAZ-3000F	FAZ-3700F	FAZ-VM-BASE to F	AZ-VM-GB2000
GB Logs/Day	1,000	3,000	8,300	1 to +2	,000,
Analytic Sustained Rate (logs/sec)	30,000	42,000	100,000	_	
Collector Sustained Rate (logs/sec)	45,000	60,000	150,000	_	
Total Interfaces	4x GE RJ45, 2x 10GE SFP+	4x GE RJ45, 2x 10GE SFP+	2x GE RJ45, 2x 10GE SFP+	1 / 4 (vNIC Min / Max)	
Storage Capacity	12x 3 TB	16x 3 TB	60x 4TB SAS	500 GB to -	+100 TB

FortiSIEM™ Unified Event Correlation and Risk Management Solution

	FSM-500F "COLLECTOR"	FSM-2000F "SUPERVISOR"	FSM-3500F "SUPERVISOR"
All-in-One License Capacity	N/A	Up to 500	Up to 2,000
EPS Capacity (all features enabled)	5,000	Up to 15,000	Up to 30,000

FortiAuthenticator™ User Identity Management Server

	FAC-200E	FAC-400E	FAC-1000D	FAC-2000E	FAC-3000D/3000E	FAC-VM BASE to FAC-VM-100000-UG
Max Local/Remote Users/ User Group	500 / 500 / 25	2,000 / 2,000 / 50	10,000 / 10,000 / 2,000	20,000 / 20,000 / 2,000	40,000 / 40,000 / 4,000	100 / 100 / 10 to +100,000 / +100,000 / 10,000
Max NAS Devices	166	666	3,333	6,666	26,666	33 to +33,333
Max FortiTokens	1,000	4,000	20,000	40,000	80,000	200 to +200,000
Interfaces	4x GE RJ45	4x GE RJ45	4x GE RJ45, 2x SFP	4x GE RJ45, 2x SFP	4x GE RJ45, 2x SFP	1 - 4 vNICs
Storage Capacity	1x 1 TB	2x 1 TB	2x 2 TB	2x 2 TB	2x 2 TB	60 GB to 2 TB

FortiAP™ Wireless Access Point

	FortiAP Series	Fortinet AP Series	FortiAP S-Series	FortiAP U-Series
Management	FortiGate-Managed, Cloud-Managed	Controller-Managed	FortiGate-Managed, Cloud-Managed	FortiGate-Managed, Cloud-Managed, Controller-Managed
Security	Via FortiGate	-	AV, IPS, AC, WF	Via FortiGate

* Frequency selection and power may be restricted to abide by regional regulatory compliance laws. For Complete selection of FortiAPs, including remote and outdoor devices, please refer to Fortinet Wireless Solution Matrix

FortiSwitch™ Secured Access Switch

	100 Series	200 Series	400 Series	500 Series	1000 Series	3000 Series
Main Port Speed	1 gbps	1 Gbps	1 Gbps	1 Gbps	10 gbps	40 Gbps
Main Port Count Options	8, 24, 48	24, 48	24, 48	24, 48	24, 48	32
Uplink Port Speed	1 gbps	1 Gbps	10 Gbps	10 Gbps	40/100 Gbps	n/a
Redundant Power Supplies	_	_	_	_	•	•
PoE Options	•	•	•	•	_	_

FortiNAC™ Network Access Control Solution

	FNC-CA-500C	FNC-CA-600C	FNC-R-650C	FNC-CA-700C	FNC-C-1000C FNC-A-1000C	FNC-C-2000C FNC-A-2000C	FNC-M-550C
Туре	Mid-range Control and Application Server	High Performance Control and Application Server	On-Premises Analytics Server	Ultra High Performance Control and Application Server	High-Performance Control / Application Server Appliance Pair	Ultra High Performance Control / Application Server Appliance Pair	Centralized Management Appliance
Target Environment	Small Environments	Medium Environments	N/A	Large Environments with few Persistent Agents	Very Large Environ- ments with many Persistent Agents	Very Large Environ- ments with many Persistent Agents	Multi-site environments with multiple appliances
Capacity	Manages up to 1,000 ports in the network*	Manages up to 7,500 ports in the network*	N/A	Manages up to 15,000 ports in the network*	Manages up to 20,000 ports in the network*	Manages up to 30,000 ports in the network*	Unlimited

Virtual appliances are also available, please refer to www.fortinet.com for more information

FortiSandbox™ Advanced Threat Prevention System

	FSA-500F	FSA-1000F	FSA-2000E	FSA-3000E	FSA-VM
Sandbox Pre-Filter Throughput (Files/Hour) ¹	4,500	7,500	12,000	15,000	Hardware dependent
VM Sandboxing Throughput (Files/Hour)	120	280	480	1,120	Hardware dependent
Real-world Effective Throughput (Files/Hour)	600² / 360³	1,400² / 840³	2,400 ² / 1,440 ³	5,600 ² / 3,360 ³	Hardware dependent
Number of VMs	2 +4 optional	2 +10 optional	4 +20 optional	8 + 48 optional	4, up to 54
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FortiGuard Subscription Based Security Service Option: FortiGuard Threat Intelligence (AV, IPS, Web Filtering, File Query and Sandbox Engine Update

1 FortiSandbox pre-filtering is powered by FortiGuard Intelligence.
2 Measured based on real-world data when both prefilter and dynamic analysis are working consecutively.
3 Measured based on real-world email traffic when both pre-filter and dynamic analysis are working consecutively.

**Based on the assumption that 1 blade will be used as master in HA-cluster mode.

FortiClient™ Advanced Endpoint Protection

	Windows	MAC OS X	Linux	Android	iOS	Chromebook
Security Fabric Components	Fabric Agent	Fabric Agent	Fabric Agent	Fabric Agent (Limited)	Fabric Agent (Limited)	Fabric Agent (Limited)
Host Security Components	AV, Anti-Exploit, Sandbox Detection, Web Filtering, App. Firewall	AV, Web Filtering, App. Firewall	AV, Sandbox Detection (Limited)	Web Filtering	Web Filtering	Web Filtering
VPN Components	IPSec, SSL VPN	IPSec, SSL VPN	SSL VPN	IPSec, SSL VPN	IPSec, SSL VPN	_
Others	Remote Logging/Reporting, WIN AD SSO Agent	Remote Logging/Reporting, WIN AD SSO Agent	_	_	Remote Logging/Reporting	Remote Logging/Reporting

FortiMail™ Messaging Security Server

	FML-60D	FML-200E	FML-400E	FML-1000D	FML-2000E	FML-3000E	FML-3200E	
Email Routing* (Msg/Hr)	3,600	80,000	157,000	680,000	1.1 Mil	1.8 Mil	1.8 Mil	
Performance AS+AV* (Msg/Hr)	2,700	61,000	126,000	500,000	900,000	1.5 Mil	1.5 Mil	
Email Domains	2	20	100	800	800	2,000	2,000	
Server Mode Mailboxes	50	150	400	1,500	1,500	3,000	3,000	
Storage Capacity	1x 500 GB	1x 1 TB	2x 1 TB	2x 2 TB	2x 2 TB (16 TB Max)	2x 2 TB (12 TB Max)	2x 2 TB (20 TB Max)	
FortiGuard Subscription Based Security Service Options: AV, Virus Outbreak Protection, Dynamic Adult Image Analysis and Anti-spam								

* Measured based on 100KB message size, no queuing. Virtual appliances are also available, please refer to www.fortinet.com for more information

FortiWeb™ Web Application Firewall

	FWB-100D	FWB-400D	FWB-600D	FWB-1000E	FWB-2000E	FWB-3000E	FWB-3010E	FWB-4000E
Throughput (HTTP)	25 Mbps	100 Mbps	250 Mbps	1 Gbps	2 Gbps	5 Gbps	5 Gbps	20 Gbps
Total Interfaces	4x GE RJ45	4x GE RJ45 4x GE SFP	2 (+2 bypass) x GE RJ45, 4x GE SFP	2 (+4 bypass) GE RJ45, 4x SFP GE, 2x 10GE SFP+	2x 10GE SFP+, 8x GE RJ45 Bypass, 4x GE SFP	4x 10GE SFP+, 4x GE RJ45 , 4x GE RJ45 Bypass, 4x GE SFP	2 (+ 2 bypass) x 10GE SFP+,8 x GE RJ45 Bypass, 4x GE SFP	2 (+ 2 bypass) x 10GE SFP+,8 x GE RJ45 Bypass, 4x GE SFP
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Virtual appliances are also available, please refer to www.fortinet.com for more information

Virtual Appliance Support Matrix

	VMWare vSphere	Citrix Xen Server	Xen	KVM	Microsoft Hyper-V	Amazon AWS	Microsoft Azure	Oracle OPC/OCI	Google GCP	Alibaba Aliyun
FortiGate-VM *	•	•	•	•	•	• / #	• / #	•	•	• / #
FortiManager-VM	•	•	•	•	•	• / #	•	•	•	
FortiAnalyzer-VM	•	•	•	•	•	• / #	•	•	•	
FortiWeb-VM	•	•	•	•	•	• / #	• / #	•	•	
FortiWeb Manager-VM	•					•				
FortiMail-VM	•	•		•	•	•	•			
FortiAuthenticator-VM	•		•	•	•	•				
FortiADC-VM	•	•	•	•	•					
FortiVoice-VM	•	•		•	•	•	•			
FortiRecorder-VM	•	•		•	•	#				
FortiSandbox-VM	•			•		• / #				
FortiSIEM-VM	•			•		•				
FortiCache-VM	•			•						
FortiWAN-VM	•									

*Available as FortiGate-VMX solution for VMware NSX environment # Available as on-demand

List of Other Products

FortiADC Application Delivery Controller FortiCache Secure Web Cache FortiCASB Cloud Access Security Broker FortiCarrier CGN Gateway FortiCloud Hosted Services FortiDDoS DDoS Mitigator

FortiExtender 3G/4G WAN Extender FortiHypervisor Hybrid Virtual Appliance FortiProxy Secure Web Gateway FortiRecorder Network Video Security FortiTester Network Tester FortiToken 2 Factor Authentication Token FortiVoice Secure VoIP Solution FortiWAN Link Load Balancer FortiWLC Wireless Controller FortiWLM Wireless Manager



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