

Product Matrix

May 2019

FortiGate® Network Security Platform - *Top Selling Models Matrix

	FG/FWF-30E	FG/FWF-50E	FG/FWF-60E	FG-80E	FG-100E
Firewall Throughput	0.95 Gbps ****	2.5 Gbps ****	3/3/3	4/4/4	7.4 / 7.4 / 4.4
(1518/512/64 byte UDP)	0.90 Gups	2.5 GUPS	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)	100	200	200	200	500
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	8	24
Max FortiTokens	500	500	500	500	5,000
Max Registered FortClient	200	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
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	FG_200F	EC-300E	EC-400E	FC-500F	FG_600F
Firewall Throughput	FG-200E	FG-300E	FG-400E	FG-500E	FG-600E
Firewall Throughput (1518/512/64 byte UDP)	FG-200E 20 / 20 / 9 Gbps	FG-300E 32 / 32 / 20 Gbps	FG-400E 32 / 32 / 24 Gbps	FG-500E 36 / 36 / 22 Gbps	FG-600E 36 / 36 / 27 Gbps
			32 / 32 / 24 Gbps		
(1518/512/64 byte UDP)	20 / 20 / 9 Gbps	32 / 32 / 20 Gbps		36 / 36 / 22 Gbps	36 / 36 / 27 Gbps
(1518/512/64 byte UDP) Firewall Latency	20 / 20 / 9 Gbps 3 µs	32 / 32 / 20 Gbps 3 µs	32 / 32 / 24 Gbps 3 µs	36 / 36 / 22 Gbps 2 µs	36 / 36 / 27 Gbps 2 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	32 / 32 / 24 Gbps 3 μs 4 Million	36 / 36 / 22 Gbps 2 μs 8 Million 300,000 10,000	36 / 36 / 27 Gbps 2 μs 8 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	32 / 32 / 24 Gbps 3 µs 4 Million 450,000	36 / 36 / 22 Gbps 2 μs 8 Million 300,000	36 / 36 / 27 Gbps 2 µs 8 Million 450,000
(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	32 / 32 / 24 Gbps 3 µs 4 Million 450,000 10,000	36 / 36 / 22 Gbps 2 μs 8 Million 300,000 10,000	36 / 36 / 27 Gbps 2 µs 8 Million 450,000 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	32 / 32 / 24 Gbps 3 µs 4 Million 450,000 10,000 20 Gbps	36 / 36 / 22 Gbps 2 µs 8 Million 300,000 10,000 20 Gbps	36 / 36 / 27 Gbps 2 µs 8 Million 450,000 10,000 20 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	32 / 32 / 24 Gbps 3 µs 4 Million 450,000 10,000 20 Gbps 2,000	36 / 36 / 22 Gbps 2 µs 8 Million 300,000 10,000 20 Gbps 2,000	36 / 36 / 27 Gbps 2 µs 8 Million 450,000 10,000 20 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 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	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000	32 / 32 / 24 Gbps 3 µs 4 Million 450,000 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 / 27 Gbps 2 µs 8 Million 450,000 10,000 20 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 (Recommended Maximum, Tunnel Mode)	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 5,000	32 / 32 / 24 Gbps 3 µs 4 Million 450,000 10,000 20 Gbps 2,000 50,000 4.5 Gbps 5,000	36 / 36 / 22 Gbps 2 µs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 10,000	36 / 36 / 27 Gbps 2 µs 8 Million 450,000 10,000 20 Gbps 2,000 50,000 7 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 500 2.2 Gbps	32 / 32 / 20 Gbps 3 μs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 5,000 5 Gbps	32 / 32 / 24 Gbps 3 µs 4 Million 450,000 10,000 20 Gbps 2,000 50,000 4.5 Gbps 5,000 7.8 Gbps	36 / 36 / 22 Gbps 2 μs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 10,000 5.2 Gbps	36 / 36 / 27 Gbps 2 µs 8 Million 450,000 10,000 20 Gbps 2,000 50,000 7 Gbps 10,000 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	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 500 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 5,000 5 Gbps 3.9 Gbps	32 / 32 / 24 Gbps 3 µs 4 Million 450,000 10,000 20 Gbps 2,000 50,000 4.5 Gbps 5,000 7.8 Gbps 4.8 Gbps	36 / 36 / 22 Gbps 2 μs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 10,000 5.2 Gbps 5.7 Gbps	36 / 36 / 27 Gbps 2 µs 8 Million 450,000 10,000 20 Gbps 2,000 50,000 7 Gbps 10,000 10 Gbps 8 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 500 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 5,000 5 Gbps 3.9 Gbps 7 Gbps	32 / 32 / 24 Gbps 3 µs 4 Million 450,000 10,000 20 Gbps 2,000 50,000 4.5 Gbps 5,000 7.8 Gbps 4.8 Gbps 4.8 Gbps	36 / 36 / 22 Gbps 2 μs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 10,000 5.2 Gbps 5.7 Gbps 14 Gbps	36 / 36 / 27 Gbps 2 µs 8 Million 450,000 10,000 20 Gbps 2,000 50,000 7 Gbps 10,000 10 Gbps 8 Gbps 15 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 500 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 5,000 5 Gbps 3.9 Gbps 7 Gbps 3.5 Gbps	32 / 32 / 24 Gbps 3 µs 4 Million 450,000 10,000 20 Gbps 2,000 50,000 4.5 Gbps 5,000 7.8 Gbps 4.8 Gbps 4.8 Gbps 6 Gbps	36 / 36 / 22 Gbps 2 µs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 10,000 5.2 Gbps 5.7 Gbps 14 Gbps 5 Gbps	36 / 36 / 27 Gbps 2 µs 8 Million 450,000 10,000 20 Gbps 2,000 50,000 7 Gbps 10,000 10 Gbps 8 Gbps 15 Gbps 9.5 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 500 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 5,000 5 Gbps 3.9 Gbps 7 Gbps 3.5 Gbps 3 Gbps	32 / 32 / 24 Gbps 3 µs 4 Million 450,000 10,000 20 Gbps 2,000 50,000 4.5 Gbps 5,000 7.8 Gbps 4.8 Gbps 4.8 Gbps 6 Gbps 5 Gbps	36 / 36 / 22 Gbps 2 µs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 10,000 5.2 Gbps 5.7 Gbps 14 Gbps 5 Gbps 4.7 Gbps	36 / 36 / 27 Gbps 2 μs 8 Million 450,000 10,000 20 Gbps 2,000 50,000 7 Gbps 10,000 10 Gbps 8 Gbps 15 Gbps 7 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 500 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 5,000 5 Gbps 3.9 Gbps 7 Gbps 3.5 Gbps 3 Gbps 512 / 256	32 / 32 / 24 Gbps 3 µs 4 Million 450,000 10,000 20 Gbps 2,000 50,000 4.5 Gbps 5,000 7.8 Gbps 4.8 Gbps 4.8 Gbps 6 Gbps 5 Gbps 5 Gbps	36 / 36 / 22 Gbps 2 μs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 10,000 5.2 Gbps 5.7 Gbps 14 Gbps 5 Gbps 4.7 Gbps 512 / 256	36 / 36 / 27 Gbps 2 μs 8 Million 450,000 10,000 20 Gbps 2,000 50,000 7 Gbps 10,000 10 Gbps 8 Gbps 15 Gbps 7 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 500 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 5,000 5 Gbps 3.9 Gbps 7 Gbps 3.5 Gbps 3 Gbps 512 / 256 48	32 / 32 / 24 Gbps 3 µs 4 Million 450,000 10,000 20 Gbps 2,000 50,000 4.5 Gbps 5,000 7.8 Gbps 4.8 Gbps 4.8 Gbps 6 Gbps 5 Gbps 5 Gbps 5 12 / 256 48	36 / 36 / 22 Gbps 2 μs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 10,000 5.2 Gbps 5.7 Gbps 14 Gbps 5 Gbps 4.7 Gbps 512 / 256 48	36 / 36 / 27 Gbps 2 μs 8 Million 450,000 10,000 20 Gbps 2,000 50,000 7 Gbps 10,000 10 Gbps 8 Gbps 15 Gbps 7 Gbps 1,024 / 512 64
(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 500 2.2 Gbps 820 Mbps 3.5 Gbps 1.8 Gbps 1.2 Gbps 128 / 64 24 5,000	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 5,000 5 Gbps 3.9 Gbps 7 Gbps 3.5 Gbps 3 Gbps 512 / 256 48 5,000	32 / 32 / 24 Gbps 3 µs 4 Million 450,000 10,000 20 Gbps 2,000 50,000 4.5 Gbps 5,000 7.8 Gbps 4.8 Gbps 4.8 Gbps 5 Gbps 5 Gbps 5 Gbps 5 12 / 256 48 5,000	36 / 36 / 22 Gbps 2 μs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 10,000 5.2 Gbps 5.7 Gbps 14 Gbps 5 Gbps 4.7 Gbps 512 / 256 48 5,000	36 / 36 / 27 Gbps 2 μs 8 Million 450,000 10,000 20 Gbps 2,000 50,000 7 Gbps 10,000 10 Gbps 8 Gbps 15 Gbps 7 Gbps 1,024 / 512 64 5,000
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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 FortiTokens	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 500 2.2 Gbps 820 Mbps 3.5 Gbps 1.8 Gbps 1.2 Gbps 128 / 64 24 5,000	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 5,000 5 Gbps 3.9 Gbps 7 Gbps 3.5 Gbps 3 Gbps 512 / 256 48 5,000	32 / 32 / 24 Gbps 3 µs 4 Million 450,000 10,000 20 Gbps 2,000 50,000 4.5 Gbps 5,000 7.8 Gbps 4.8 Gbps 4.8 Gbps 5 Gbps 5 Gbps 5 Gbps 5 12 / 256 48 5,000	36 / 36 / 22 Gbps 2 μs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 10,000 5.2 Gbps 5.7 Gbps 14 Gbps 5 Gbps 4.7 Gbps 512 / 256 48 5,000	36 / 36 / 27 Gbps 2 μs 8 Million 450,000 10,000 20 Gbps 2,000 50,000 7 Gbps 10,000 10 Gbps 8 Gbps 15 Gbps 7 Gbps 1,024 / 512 64 5,000
(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 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 500 2.2 Gbps 820 Mbps 3.5 Gbps 1.8 Gbps 1.2 Gbps 128 / 64 24 5,000 600 10 / 10 18 x GE RJ45, 4 x GE SFP	32 / 32 / 20 Gbps 3 μs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 5,000 5 Gbps 3.9 Gbps 7 Gbps 3.5 Gbps 3.5 Gbps 3.5 Gbps 10 / 10 18x GE RJ45, 16x GE SFP	32 / 32 / 24 Gbps 3 µs 4 Million 450,000 10,000 20 Gbps 2,000 50,000 4.5 Gbps 5,000 7.8 Gbps 4.8 Gbps 4.8 Gbps 6 Gbps 5 Gbps 512 / 256 48 5,000 600 10 / 10	36 / 36 / 22 Gbps 2 µs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 10,000 5.2 Gbps 5.7 Gbps 14 Gbps 5 Gbps 4.7 Gbps 512 / 256 48 5,000 2,000 10 / 10 2x 10 GE SFP+, 10x GE RJ45, 8x GE SFP	36 / 36 / 27 Gbps 2 μs 8 Million 450,000 10,000 20 Gbps 2,000 50,000 7 Gbps 10,000 10 Gbps 8 Gbps 15 Gbps 9.5 Gbps 7 Gbps 1,024 / 512 64 5,000 2,000 10 / 10 2x 10 GE SFP+, 10x GE RJ45, 8x GE SFP
(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 500 2.2 Gbps 820 Mbps 3.5 Gbps 1.8 Gbps 1.2 Gbps 1.2 Gbps 128 / 64 24 5,000 600 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 5,000 5 Gbps 3.9 Gbps 7 Gbps 3.6 Gbps 3.6 Gbps 3.7 Gbps 3.7 Gbps 3.7 Gbps 3.8 Gbps 48 5,000 600 10 / 10 18x GE RJ45, 16x GE SFP	32 / 32 / 24 Gbps 3 µs 4 Million 450,000 10,000 20 Gbps 2,000 50,000 4.5 Gbps 5,000 7.8 Gbps 4.8 Gbps 4.8 Gbps 6 Gbps 5 Gbps 512 / 256 48 5,000 600 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 10,000 5.2 Gbps 5.7 Gbps 14 Gbps 5 Gbps 4.7 Gbps 512 / 256 48 5,000 2,000 10 / 10 2x 10 GE SFP+, 10x GE RJ45, 8x GE SFP	36 / 36 / 27 Gbps 2 μs 8 Million 450,000 10,000 20 Gbps 2,000 50,000 7 Gbps 10,000 10 Gbps 8 Gbps 15 Gbps 9.5 Gbps 7 Gbps 1,024 / 512 64 5,000 2,000 10 / 10 2x 10 GE SFP+, 10x GE RJ45, 8x GE SFP 480 GB (601E)
(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 Power Supplies	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 500 2.2 Gbps 820 Mbps 3.5 Gbps 1.8 Gbps 1.2 Gbps 1.2 Gbps 128 / 64 24 5,000 600 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 5,000 5 Gbps 3.9 Gbps 7 Gbps 3.5 Gbps 3.5 Gbps 3 Gbps 512 / 256 48 5,000 600 10 / 10 18x GE RJ45, 16x GE SFP 480 GB (301E) Single AC PS, opt. Dual PS	32 / 32 / 24 Gbps 3 µs 4 Million 450,000 10,000 20 Gbps 2,000 50,000 4.5 Gbps 5,000 7.8 Gbps 4.8 Gbps 4.8 Gbps 6 Gbps 5 Gbps 512 / 256 48 5,000 600 10 / 10	36 / 36 / 22 Gbps 2 µs 8 Million 300,000 10,000 20 Gbps 2,000 50,000 5 Gbps 10,000 5.2 Gbps 5.7 Gbps 14 Gbps 5 Gbps 4.7 Gbps 512 / 256 48 5,000 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 / 27 Gbps 2 μs 8 Million 450,000 10,000 20 Gbps 2,000 50,000 7 Gbps 10,000 10 Gbps 8 Gbps 15 Gbps 9.5 Gbps 7 Gbps 1,024 / 512 64 5,000 2,000 10 / 10 2x 10 GE SFP+, 10x GE RJ45, 8x GE SFP 480 GB (601E) Single AC PS, opt. Dual PS
(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 500 2.2 Gbps 820 Mbps 3.5 Gbps 1.8 Gbps 1.2 Gbps 1.2 Gbps 128 / 64 24 5,000 600 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 5,000 5 Gbps 3.9 Gbps 7 Gbps 3.6 Gbps 3.6 Gbps 3.7 Gbps 3.7 Gbps 3.7 Gbps 3.8 Gbps 48 5,000 600 10 / 10 18x GE RJ45, 16x GE SFP	32 / 32 / 24 Gbps 3 µs 4 Million 450,000 10,000 20 Gbps 2,000 50,000 4.5 Gbps 5,000 7.8 Gbps 4.8 Gbps 4.8 Gbps 6 Gbps 5 Gbps 512 / 256 48 5,000 600 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 10,000 5.2 Gbps 5.7 Gbps 14 Gbps 5 Gbps 4.7 Gbps 512 / 256 48 5,000 2,000 10 / 10 2x 10 GE SFP+, 10x GE RJ45, 8x GE SFP	36 / 36 / 27 Gbps 2 μs 8 Million 450,000 10,000 20 Gbps 2,000 50,000 7 Gbps 10,000 10 Gbps 8 Gbps 15 Gbps 9.5 Gbps 7 Gbps 1,024 / 512 64 5,000 2,000 10 / 10 2x 10 GE SFP+, 10x GE RJ45, 8x GE SFP 480 GB (601E)

FortiGate® Network Security Platform - *Top Selling Models Matrix

	FG-800D	FG-1000D	FG-1200D	FG-1500D	FG-2000E
Firewall Throughput (1518/512/64 byte UDP)	36 / 36 / 22 Gbps	52 / 52 / 33 Gbps	72 / 72 / 50 Gbps	80 / 80 / 55 Gbps	90 / 90 / 60 Gbps
Firewall Latency	3 µs	3 µs	3 µs	3 µs	2 µs
Concurrent Sessions	5 μs 5 Million	3 μs 11 Million	3 μs 11 Million	3 μs 12 Million	20 Million
New Sessions/Sec	280,000	280.000	290,000	300,000	500,000
Firewall Policies					
IPsec VPN Throughput (512 byte) 1	10,000	100,000 25 Gbps	100,000 40 Gbps	100,000	100,000
	20 Gbps			50 Gbps	65 Gbps
Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels	2,000	20,000	20,000 100,000	20,000 100,000	20,000 100,000
	50,000	100,000			
SSL VPN Throughput Concurrent SSL VPN Users	2.2 Gbps 5,000	3.6 Gbps 10,000	3.6 Gbps 10,000	4 Gbps 10,000	6 Gbps 30,000
(Recommended Maximum, Tunnel Mode)	5,000	10,000	10,000	10,000	30,000
IPS Throughput (Enterprise Mix) ²	4.2 Gbps	6 Gbps	6.8 Gbps	13 Gbps	11.5 Gbps
SSL Inspection Throughput (IPS, avg. HTTPS) 3	3.9 Gbps	5.0 Gbps	5.0 Gbps	5.7 Gbps	9.4 Gbps
Application Control Throughput (HTTP 64K) ²	9 Gbps	14 Gbps	15 Gbps	16 Gbps	20 Gbps
NGFW Throughput (Enterprise Mix) 2,4	4 Gbps	5 Gbps	6 Gbps	7 Gbps	9 Gbps
Threat Protection Throughput (Ent. Mix) 2,5	3 Gbps	4 Gbps	4 Gbps	5 Gbps	5.4 Gbps
Max FortiAPs (Total, Tunnel)	1,024 / 512	4,096 / 1,024	4,096 / 1,024	4,096 / 1,024	4,096 / 1,024
Max FortiSwitches	64	128	128	128	128
Max FortiTokens	5,000	20,000	20,000	20,000	20,000
Max Registered Endpoints	2,000	20,000	20,000	20,000	20,000
Virtual Domains (Default/Max)	10 / 10	10 / 250	10 / 250	10 / 250	10 / 500
Interfaces	2x 10 GE SFP+, 8x GE SFP, 4x GE RJ45 Bypass, 22x GE RJ45	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
Local Storage	240 GB	256 GB	240 GB	480 GB	480 GB
Power Supplies	Single AC PS, opt. Dual PS	Dual PS	Dual PS	Dual PS	Dual PS
Form Factor	1 RU	2 RU	2 RU	2 RU	2 RU
Variants	_	LENC	LENC	10GE RJ45, DC, LENC	_
	FG-2500E	FG-3000D	FG-3200D	FG-3400E	FG-3600E
Firewall Throughput (1518/512/64 byte UDP)	150 / 150 / 95 Gbps	80 / 80 / 50 Gbps	80 / 80 / 50 Gbps	240 / 238 / 150 Gbps	240 / 240 / 150 Gbps
Firewall Latency	2 μs	3 µs	3 µs	4 μs	4 μs
Concurrent Sessions	20 Million	50 Million	50 Million	50 Million	50 Million
New Sessions/Sec	500,000	400,000	400,000	460,000	460,000
Firewall Policies	100,000	200,000	200,000	200,000	200,000
IPsec VPN Throughput (512 byte) 1	95 Gbps	50 Gbps	50 Gbps	140 Gbps	145 Gbps
Max G/W to G/W IPSEC Tunnels	20,000	40,000	40,000	40,000	40,000
Max Client to G/W IPSEC Tunnels	100,000	200,000	200,000	200,000	200,000
SSL VPN Throughput	6 Gbps	8 Gbps	8 Gbps	11 Gbps	12 Gbps
Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode)	30,000	30,000	30,000	30,000	30,000
IPS Throughput (Enterprise Mix) ²	11.5 Gbps	23 Gbps	26 Gbps	44 Gbps	55 Gbps
SSL Inspection Throughput (IPS, avg. HTTPS) ³	9.4 Gbps	15 Gbps	17 Gbps	30 Gbps	34 Gbps
Application Control Throughput (HTTP 64K) ²	9.4 dups 20 Gbps	40 Gbps	50 Gbps	86 Gbps	95 Gbps
	9 Gbps	22 Gbps	24 Gbps	34 Gbps	40 Gbps
NUTEW I DROUGNDUT (Enterprise Miv) 2.4			24 UDU3	o4 anha	40 anhs
NGFW Throughput (Enterprise Mix) 2,4 Throat Protection Throughput (Ent. Mix) 2,5			15 Chan	22 Chas	20 Chro
Threat Protection Throughput (Ent. Mix) ^{2,5}	5.4 Gbps	13 Gbps	15 Gbps	23 Gbps 4096 / 1024	30 Gbps
Threat Protection Throughput (Ent. Mix) ^{2,5} Max FortiAPs (Total, Tunnel)	5.4 Gbps 4,096 / 1,024	13 Gbps 4096 / 1024	4096 / 1024	4096 / 1024	4096 / 1024
Threat Protection Throughput (Ent. Mix) ^{2,5} Max FortiAPs (Total, Tunnel) Max FortiSwitches	5.4 Gbps 4,096 / 1,024 128	13 Gbps 4096 / 1024 256	4096 / 1024 256	4096 / 1024 256	4096 / 1024 256
Threat Protection Throughput (Ent. Mix) ^{2.5} Max FortiAPs (Total, Tunnel) Max FortiSwitches Max FortiTokens	5.4 Gbps 4,096 / 1,024 128 20,000	13 Gbps 4096 / 1024 256 20,000	4096 / 1024 256 20,000	4096 / 1024 256 20,000	4096 / 1024 256 20,000
Threat Protection Throughput (Ent. Mix) ^{2.5} Max FortiAPs (Total, Tunnel) Max FortiSwitches Max FortiTokens Max Registered Endpoints	5.4 Gbps 4,096 / 1,024 128 20,000 20,000	13 Gbps 4096 / 1024 256 20,000 50,000	4096 / 1024 256 20,000 50,000	4096 / 1024 256 20,000 50,000	4096 / 1024 256 20,000 50,000
Threat Protection Throughput (Ent. Mix) ^{2,5} Max FortiAPs (Total, Tunnel) Max FortiSwitches Max FortiTokens	5.4 Gbps 4,096 / 1,024 128 20,000	13 Gbps 4096 / 1024 256 20,000	4096 / 1024 256 20,000	4096 / 1024 256 20,000	4096 / 1024 256 20,000
Threat Protection Throughput (Ent. Mix) ^{2,5} Max FortiAPs (Total, Tunnel) Max FortiSwitches Max FortiTokens Max Registered Endpoints Virtual Domains (Default/Max) Interfaces	5.4 Gbps 4,096 / 1,024 128 20,000 20,000 10 / 500 10x 10GE SFP+, 2x 10GE SFP+ bypass, 34x GE RJ45	13 Gbps 4096 / 1024 256 20,000 50,000 10 / 500 16x 10GE SFP+/GE SFP, 2x GE RJ45	4096 / 1024 256 20,000 50,000 10 / 500 48x 10GE SFP+/GE SFP, 2x GE RJ45	4096 / 1024 256 20,000 50,000 10 / 500 4x 100GE QSFP28/40GE QSFP+, 24x 10GE SFP+/GE SFP, 2x GE RJ45	4096 / 1024 256 20,000 50,000 10 / 500 6x 100GE QSFP28/40GE QSFP+, 32x 10GE SFP+/GE SFP, 2x GE RJ45
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	5.4 Gbps 4,096 / 1,024 128 20,000 20,000 10 / 500 10x 10GE SFP+, 2x 10GE SFP+ bypass, 34x GE RJ45 480 GB	13 Gbps 4096 / 1024 256 20,000 50,000 10 / 500 16x 10GE SFP+/GE SFP, 2x GE RJ45 480 GB	4096 / 1024 256 20,000 50,000 10 / 500 48x 10GE SFP+/GE SFP, 2x GE RJ45 960 GB	4096 / 1024 256 20,000 50,000 10 / 500 4x 100GE QSFP28/40GE QSFP+, 24x 10GE SFP+/GE SFP, 2x GE RJ45 4 TB (3401E)	4096 / 1024 256 20,000 50,000 10 / 500 6x 100GE QSFP28/40GE QSFP+, 32x 10GE SFP+/GE SFP, 2x GE RJ45 4 TB (3601E)
Threat Protection Throughput (Ent. Mix) ^{2,5} Max FortiAPs (Total, Tunnel) Max FortiSwitches Max FortiTokens Max Registered Endpoints Virtual Domains (Default/Max) Interfaces	5.4 Gbps 4,096 / 1,024 128 20,000 20,000 10 / 500 10x 10GE SFP+, 2x 10GE SFP+ bypass, 34x GE RJ45	13 Gbps 4096 / 1024 256 20,000 50,000 10 / 500 16x 10GE SFP+/GE SFP, 2x GE RJ45	4096 / 1024 256 20,000 50,000 10 / 500 48x 10GE SFP+/GE SFP, 2x GE RJ45	4096 / 1024 256 20,000 50,000 10 / 500 4x 100GE QSFP28/40GE QSFP+, 24x 10GE SFP+/GE SFP, 2x GE RJ45	4096 / 1024 256 20,000 50,000 10 / 500 6x 100GE QSFP28/40GE QSFP+, 32x 10GE SFP+/GE SFP, 2x GE RJ45

^{*} 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-3700D	FG-3800D	FG-3960E	FG-3980E	FG-6300F
Firewall Throughput (1518/512/64 byte UDP)	160 / 160 / 110 Gbps	320 / 300 / 150 Gbps	620 / 610 / 370 Gbps	1.05 Tbps / 1.05 Tbps / 680 Gbps	239 / 238 / 135 Gbps
Firewall Latency	2 μs	5 μs	3 µs	3 µs	5 μs
Concurrent Sessions	50 Million	95 Million	160 Million	160 Million	120 Million
New Sessions/Sec	400,000	480,000	550,000	550,000	2 Million
Firewall Policies	200,000	200,000	200,000	200,000	200,000
IPsec VPN Throughput (512 byte) 1	100 Gbps	135 Gbps	280 Gbps	400 Gbps	96 Gbps
Max G/W to G/W IPSEC Tunnels	40,000	40,000	40,000	40,000	16,000
Max Client to G/W IPSEC Tunnels	200,000	200,000	200,000	200,000	90,000
SSL VPN Throughput	10 Gbps	10 Gbps	9 Gbps	9.5 Gbps	9 Gbps
Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode)	30,000	30,000	30,000	30,000	30,000
IPS Throughput (Enterprise Mix) ²	28 Gbps	30 Gbps	30 Gbps	32 Gbps	110 Gbps
SSL Inspection Throughput (IPS, avg. HTTPS) ³	15.5 Gbps	14.4 Gbps	23 Gbps	26 Gbps	66 Gbps
Application Control Throughput (HTTP 64K) ²	40 Gbps	44 Gbps	40 Gbps	55 Gbps	150 Gbps
NGFW Throughput (Enterprise Mix) ^{2, 4}	20 Gbps	20 Gbps	22 Gbps	28 Gbps	90 Gbps
Threat Protection Throughput (Ent. Mix) ^{2,5}	13 Gbps	13 Gbps	13.5 Gbps	20 Gbps	60 Gbps
Max FortiAPs (Total, Tunnel)	4,096 / 1,024	4,096 / 1,024	4.096 / 1.024	4,096 / 1,024	_
Max FortiSwitches	256	256	256	256	_
Max FortiTokens	20,000	20,000	20,000	20,000	20,000
Max Registered Endpoints	100,000	100.000	100.000	100,000	20,000
Virtual Domains (Default/Max)	10 / 500	10 / 500	10 / 500	100,000	10 / 500
Interfaces	4x 40GE QSFP+, 20x 10GE SFP+/GE SFP, 8x SFP+, 2x GE RJ45	4x 100GE CFP2, 4x 40GE QSFP+ 8x 10GE SFP+, 2x GE RJ45	6x 100GE QSFP28/40GE QSFP+, 16x 10GE SFP+, 2x GE RJ45	10x 100GE QSFP28/40GE QSFP+, 16x 10GE SFP+, 2x GE RJ45	4x 100GE QSFP28/40GE QSFP+, 24x 25GE SFP28, 3x 10GE SFP+,2x GE RJ45
Local Storage	2x 2TB HDD	960 GB			2 TB NVMe (6301F)
Power Supplies	Dual PS	Dual PS	3 PS	3 PS	3 PS
Form Factor	3 RU	3 RU	5 RU	5 RU	3 RU
Variants	DC, NEBS, LENC	DC, NEBS	DC	DC	_
	FG-6500F	FG-7030E	FG-7040E	FG-7060E	FG-5001E
Firewall Throughput (1518/512/64 byte UDP)	239 / 238 / 135 Gbps	155 / 155 / 155 Gbps	315 / 310 / 200 Gbps	630 / 630 / 340 Gbps	80 / 80 / 50 Gbps
Firewall Latency	5 μs	7 μs	7 μs	7 μs	3 µs
Concurrent Sessions	200 Million	160 Million	160 Million	320 Million	40 Million
New Sessions/Sec	3 Million	900,000	950,000	1.8 Million	640,000
Firewall Policies	000 000			1.0 IVIIIIOTI	
	200,000	200,000	200,000	200,000	200,000
IPsec VPN Throughput (512 byte) 1	200,000 160 Gbps	200,000 40 Gbps	200,000 100 Gbps		
IPsec VPN Throughput (512 byte) ¹ Max G/W to G/W IPSEC Tunnels				200,000	200,000
	160 Gbps	40 Gbps	100 Gbps	200,000 100 Gbps	200,000 45 Gbps
Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput	160 Gbps 16,000	40 Gbps 16,000	100 Gbps 16,000	200,000 100 Gbps 16,000	200,000 45 Gbps 40,000
Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels	160 Gbps 16,000 90,000	40 Gbps 16,000 64,000	100 Gbps 16,000 64,000	200,000 100 Gbps 16,000 64,000	200,000 45 Gbps 40,000 64,000
Max G/W to G/W IPSEC Tunnels Max Client to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users	160 Gbps 16,000 90,000 9 Gbps	40 Gbps 16,000 64,000 15 Gbps	100 Gbps 16,000 64,000 15 Gbps	200,000 100 Gbps 16,000 64,000 15 Gbps	200,000 45 Gbps 40,000 64,000 9 Gbps
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)	160 Gbps 16,000 90,000 9 Gbps 30,000	40 Gbps 16,000 64,000 15 Gbps 48,000	100 Gbps 16,000 64,000 15 Gbps 48,000	200,000 100 Gbps 16,000 64,000 15 Gbps 48,000	200,000 45 Gbps 40,000 64,000 9 Gbps 25,000
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	160 Gbps 16,000 90,000 9 Gbps 30,000 170 Gbps	40 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps	100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps	200,000 100 Gbps 16,000 64,000 15 Gbps 48,000	200,000 45 Gbps 40,000 64,000 9 Gbps 25,000
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	160 Gbps 16,000 90,000 9 Gbps 30,000 170 Gbps 110 Gbps	40 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet	100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet	200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet	200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 18 Gbps Refer to Data Sheet
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	160 Gbps 16,000 90,000 9 Gbps 30,000 170 Gbps 110 Gbps 220 Gbps	40 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 65 Gbps	100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps	200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps	200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 18 Gbps Refer to Data Sheet 36 Gbps
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}	160 Gbps 16,000 90,000 9 Gbps 30,000 170 Gbps 110 Gbps 220 Gbps	40 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 65 Gbps 50 Gbps	100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps 50 Gbps	200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps 100 Gbps	200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 18 Gbps Refer to Data Sheet 36 Gbps 15 Gbps
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}	160 Gbps 16,000 90,000 9 Gbps 30,000 170 Gbps 110 Gbps 220 Gbps	40 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 65 Gbps 50 Gbps	100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps 50 Gbps	200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps 100 Gbps	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
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)	160 Gbps 16,000 90,000 9 Gbps 30,000 170 Gbps 110 Gbps 220 Gbps	40 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 65 Gbps 50 Gbps	100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps 50 Gbps	200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps 100 Gbps	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
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	160 Gbps 16,000 90,000 9 Gbps 30,000 170 Gbps 110 Gbps 220 Gbps 150 Gbps 100 Gbps	40 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 65 Gbps 50 Gbps 35 Gbps —	100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps 50 Gbps 40 Gbps — —	200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps 100 Gbps 80 Gbps —	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
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	160 Gbps 16,000 90,000 9 Gbps 30,000 170 Gbps 110 Gbps 220 Gbps 150 Gbps 100 Gbps ————————————————————————————————————	40 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 65 Gbps 50 Gbps 35 Gbps — 20,000	100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps 50 Gbps 40 Gbps — 20,000	200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps 100 Gbps 80 Gbps — 20,000	200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 18 Gbps Refer to Data Sheet 36 Gbps 15 Gbps 1.5 Gbps 4,096 / 1,024 — 20,000
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	160 Gbps 16,000 90,000 9 Gbps 30,000 170 Gbps 110 Gbps 220 Gbps 150 Gbps ————————————————————————————————————	40 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 65 Gbps 50 Gbps 35 Gbps — 20,000	100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps 50 Gbps 40 Gbps — 20,000	200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps 100 Gbps 80 Gbps — 20,000	200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 18 Gbps Refer to Data Sheet 36 Gbps 15 Gbps 1,3.5 Gbps 4,096 / 1,024 — 20,000 20,000
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	160 Gbps 16,000 90,000 9 Gbps 30,000 170 Gbps 110 Gbps 220 Gbps 150 Gbps 100 Gbps ————————————————————————————————————	40 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 65 Gbps 50 Gbps 35 Gbps ————————————————————————————————————	100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps 50 Gbps 40 Gbps 20,000 20,000 10 / 500	200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps 100 Gbps 20,000 20,000 10 / 500	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 — 20,000 20,000 10 / 500 2x 40GE QSFP+, 2x 10GE
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)	160 Gbps 16,000 90,000 9 Gbps 30,000 170 Gbps 110 Gbps 220 Gbps 150 Gbps 100 Gbps 20,000 20,000 4x 100GE QSFP28/40GE QSFP+, 24x 25GE SFP28, 3x 10GE SFP+, 2x GE RJ45 2 TB NVMe (6501F)	40 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 65 Gbps 50 Gbps 35 Gbps ————————————————————————————————————	100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps 50 Gbps 40 Gbps 20,000 20,000 10 / 500	200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps 100 Gbps 20,000 20,000 10 / 500	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 — 20,000 20,000 10 / 500 2x 40GE QSFP+, 2x 10GE
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	160 Gbps 16,000 90,000 9 Gbps 30,000 170 Gbps 110 Gbps 220 Gbps 150 Gbps 100 Gbps ————————————————————————————————————	40 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 65 Gbps 50 Gbps 35 Gbps — 20,000 20,000 10 / 500 Varied	100 Gbps 16,000 64,000 15 Gbps 48,000 60 Gbps Refer to Data Sheet 80 Gbps 50 Gbps 40 Gbps ————————————————————————————————————	200,000 100 Gbps 16,000 64,000 15 Gbps 48,000 120 Gbps Refer to Data Sheet 160 Gbps 100 Gbps 80 Gbps — 20,000 20,000 10 7 500 Varied	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 — 20,000 20,000 20,000 2x 40GE QSFP+, 2x 10GE SFP+, 2x GE RJ45

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

^{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	FAZ-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		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	•	•	•	•	_	_

For Complete selection of FortiSwitches, please refer to $\label{lem:http://www.fortinet.com/products/fortiswitch} http://www.fortinet.com/products/fortiswitches, please refer to <math display="block">\label{lem:http://www.fortinet.com/products/fortiswitches} here is a proposal of the product of$



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
FortiG	uard Subscription Based Security 9	Service Ontion: FortiGuard Threat Int	elligence (AV IPS Web Filtering File (Query and Sandhoy Engine I Indate)	

FortiSandbox pre-filtering is powered by FortiGuard Intelligence.
 Measured based on real-world data when both prefilter and dynamic analysis are working consecutively.
 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-200F	FML-400F	FML-900F	FML-2000E	FML-3000E	FML-3200E	
Email Routing* (Msg/Hr)	3,600	50,000	250,000	800,000	1.1 Mil	1.8 Mil	1.8 Mil	
Performance Enterprise ATP* (Msg/Hr)	2,700	30,000	150,000	400,000	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 (8 TB Max)	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 informatio



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 FortiCASB Cloud Access Security Broker FortiCarrier CGN Gateway FortiDDoS DDoS Mitigator FortiDeceptor Deception-based Solution FortiExtender 3G/4G WAN Extender FortiHypervisor Hybrid Virtual Appliance Fortilnsight UEBA Solution FortiProxy Secure Web Gateway FortiRecorder Network Video Security FortiTester Network Tester FortiToken 2 Factor Authentication Token FortiVoice Secure VoIP Solution FortiWAN SD-WAN Solution FortiWLC Wireless Controller FortiWLM Wireless Manager



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