

Product Matrix

May 2018

FortiGate® Network Security Platform - *Top Selling Models Matrix

	FG/FWF-30E	FG/FWF-50E	FG-60D	FG/FWF-60E	FG-80E
Firewall Throughput	0.95 Gbps ****	2.5 Gbps ****	1.5 / 1.5 / 1.5	3/3/3	4/4/4
(1518/512/64 byte UDP)		·	Gbps	Gbps	Gbps
Firewall Latency	130 µs	180 µs	4 μs	3 µs	3 µs
Concurrent Sessions	900,000	1.8 Million	500,000	1.3 Million	1.3 Million
New Sessions/Sec	15,000	21,000	4,000	30,000	30,000
Firewall Policies	5,000	5,000	5,000	5,000	5,000
IPsec VPN Throughput (512 byte) 1	75 Mbps	90 Mbps	1 Gbps	2 Gbps	2.5 Gbps
Max G/W to G/W IPSEC Tunnels	200	200	200	200	200
Max Client to G/W IPSEC Tunnels	250	250	500	500	2,500
SSL VPN Throughput	35 Mbps	100 Mps	30 Mbps	150 Mbps	200 Mbps
Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode)	80	80	100	100	200
IPS Throughput 1 (HTTP / Enterprise Mix)	600 / 300 Mbps	800 / 350 Mbps	200 / 50 Mbps	1,400 / 400 Mbps	1.5 Gbps / 450 Mbps
SSL Inspection Throughput (IPS, HTTP) 3	160 Mbps	185 Mbps	18 Mbps	175 Mbps	180 Mbps
Application Control Throughput (HTTP 64K) ²	400 Mbps	450 Mbps	90 Mbps	650 Mbps	900 Mbps
NGFW Throughput (Enterprise Mix) ^{2, 4}	200 Mbps	220 Mbps	30 Mbps	250 Mbps	360 Mbps
Threat Protection Throughput (Ent. Mix) ^{2,5}	150 Mbps	160 Mbps	25 Mbps	200 Mbps	250 Mbps
Max FortiAPs (Total / Tunnel)	2/2	10/5	10/5	30 / 10	32 / 16
Max FortiSwitches	8	8	8	8	8
Max FortiTokens	20	100	100	100	100
Max Registered FortClient	200	200	200	200	200
Virtual Domains (Default/Max)	5/5	5/5	10 / 10	10 / 10	10 / 10
Interfaces	5x GE RJ45	7x GE RJ45	10x GE RJ45	10x GE RJ45	14x GE RJ45, 2x Shared Port Pairs
Local Storage	_	32 GB (51E)	_	128 GB (61E)	128 GB (81E/-POE)
Power Supplies	Single AC PS	Single AC PS	Single AC PS	Single AC PS	Single AC PS
Form Factor	Desktop	Desktop	Desktop	Desktop	Desktop
Variants	WiFi, 3G4G, LENC	WiFi, Dual WiFi, Storage, LENC	LENC	WiFi, Storage, LENC, DSL	POE, Storage
	FG/FWF-90D	FG-100E	FG-200E	FG-300D	FG-300E
Firewall Throughput	3.5 / 3.5 /3.5	7.4 / 7.4 / 4.4	20/20/9	8/8/8	32 / 32 / 20
Firewall Throughput (1518/512/64 byte UDP)					
	3.5 / 3.5 /3.5	7.4 / 7.4 / 4.4	20/20/9	8/8/8	32 / 32 / 20
(1518/512/64 byte UDP)	3.5 / 3.5 /3.5 Gbps	7.4 / 7.4 / 4.4 Gbps	20 / 20 / 9 Gbps	8/8/8 Gbps	32 / 32 / 20 Gbps
(1518/512/64 byte UDP) Firewall Latency	3.5 / 3.5 /3.5 Gbps 4 µs	7.4 / 7.4 / 4.4 Gbps 3 µs	20 / 20 / 9 Gbps 3 µs	8/8/8 Gbps 3 µs	32 / 32 / 20 Gbps 3 µs
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions	3.5 / 3.5 /3.5 Gbps 4 µs 2 Million	7.4/7.4/4.4 Gbps 3 μs 2 Million	20 / 20 / 9 Gbps 3 µs 2 Million	8/8/8 Gbps 3 µs 4 Million	32 / 32 / 20 Gbps 3 μs 4 Million
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec	3.5 / 3.5 / 3.5 Gbps 4 µs 2 Million 4,000	7.4 / 7.4 / 4.4 Gbps 3 µs 2 Million 30,000	20 / 20 / 9 Gbps 3 µs 2 Million 135,000	8/8/8 Gbps 3 µs 4 Million 200,000	32 / 32 / 20 Gbps 3 µs 4 Million 300,000
(1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies	3.5 / 3.5 / 3.5 Gbps 4 µs 2 Million 4,000 5,000 1 Gbps	7.4/7.4/4.4 Gbps 3 µs 2 Million 30,000 10,000 4 Gbps 2,000	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000	8/8/8 Gbps 3 µs 4 Million 200,000 10,000 7 Gbps 2,000	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 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	3.5 / 3.5 / 3.5 Gbps 4 µs 2 Million 4,000 5,000 1 Gbps	7.4/7.4/4.4 Gbps 3 µs 2 Million 30,000 10,000 4 Gbps	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000	8 / 8 / 8 Gbps 3 µs 4 Million 200,000 10,000 7 Gbps	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 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	3.5 / 3.5 / 3.5 Gbps 4 µs 2 Million 4,000 5,000 1 Gbps	7.4/7.4/4.4 Gbps 3 µs 2 Million 30,000 10,000 4 Gbps 2,000	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000	8/8/8 Gbps 3 µs 4 Million 200,000 10,000 7 Gbps 2,000	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 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	3.5 / 3.5 / 3.5 Gbps 4 µs 2 Million 4,000 5,000 1 Gbps 200 2,500	7.4/7.4/4.4 Gbps 3 µs 2 Million 30,000 10,000 4 Gbps 2,000 10,000	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000	8 / 8 / 8 Gbps 3 µs 4 Million 200,000 10,000 7 Gbps 2,000 50,000	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 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	3.5 / 3.5 / 3.5 Gbps 4 µs 2 Million 4,000 5,000 1 Gbps 200 2,500 35 Mbps	7.4/7.4/4.4 Gbps 3 µs 2 Million 30,000 10,000 4 Gbps 2,000 10,000 250 Mbps	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps	8 / 8 / 8 Gbps 3 µs 4 Million 200,000 10,000 7 Gbps 2,000 50,000 350 Mbps	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 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)	3.5 / 3.5 / 3.5 Gbps 4 µs 2 Million 4,000 5,000 1 Gbps 200 2,500 35 Mbps	7.4/7.4/4.4 Gbps 3 µs 2 Million 30,000 10,000 4 Gbps 2,000 10,000 250 Mbps 300	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300	8 / 8 / 8 Gbps 3 µs 4 Million 200,000 10,000 7 Gbps 2,000 50,000 350 Mbps	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 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 1 (HTTP / Enterprise Mix)	3.5 / 3.5 / 3.5 Gbps 4 µs 2 Million 4,000 5,000 1 Gbps 200 2,500 35 Mbps 200 275 / 50 Mbps	7.4/7.4/4.4 Gbps 3 µs 2 Million 30,000 10,000 4 Gbps 2,000 10,000 250 Mbps 300 1.9 Gbps / 500 Mbps	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 6 / 2.2 Gbps	8 / 8 / 8 Gbps 3 µs 4 Million 200,000 10,000 7 Gbps 2,000 50,000 350 Mbps 500 2.8 / 2 Gbps	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500
(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 ¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) ³	3.5 / 3.5 / 3.5 Gbps 4 µs 2 Million 4,000 5,000 1 Gbps 200 2,500 35 Mbps 200 275 / 50 Mbps	7.4/7.4/4.4 Gbps 3 µs 2 Million 30,000 10,000 4 Gbps 2,000 10,000 250 Mbps 300 1.9 Gbps / 500 Mbps	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 6 / 2.2 Gbps 1 Gbps	8 / 8 / 8 Gbps 3 µs 4 Million 200,000 10,000 7 Gbps 2,000 50,000 350 Mbps 500 2.8 / 2 Gbps	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 11 / 5 Gbps 6.8 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 ¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) ³ Application Control Throughput (HTTP 64K) ²	3.5 / 3.5 / 3.5 Gbps 4 µs 2 Million 4,000 5,000 1 Gbps 200 2,500 35 Mbps 200 275 / 50 Mbps 18 Mbps 100 Mbps	7.4/7.4/4.4 Gbps 3 µs 2 Million 30,000 10,000 4 Gbps 2,000 10,000 250 Mbps 300 1.9 Gbps / 500 Mbps 190 Mbps 1 Gbps	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 6 / 2.2 Gbps 1 Gbps 3.5 Gbps	8 / 8 / 8 Gbps 3 µs 4 Million 200,000 10,000 7 Gbps 2,000 50,000 350 Mbps 500 2.8 / 2 Gbps 1.9 Gbps 4 Gbps	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 11 / 5 Gbps 6.8 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 ¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) ³ Application Control Throughput (HTTP 64K) ² NGFW Throughput (Enterprise Mix) 2.4	3.5 / 3.5 / 3.5 Gbps 4 µs 2 Million 4,000 5,000 1 Gbps 200 2,500 35 Mbps 200 275 / 50 Mbps 18 Mbps 100 Mbps 30 Mbps	7.4/7.4/4.4 Gbps 3 µs 2 Million 30,000 10,000 4 Gbps 2,000 10,000 250 Mbps 300 1.9 Gbps / 500 Mbps 190 Mbps 1 Gbps 360 Mbps	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 6 / 2.2 Gbps 1 Gbps 3.5 Gbps 1.8 Gbps	8 / 8 / 8 Gbps 3 µs 4 Million 200,000 10,000 7 Gbps 2,000 50,000 350 Mbps 500 2.8 / 2 Gbps 1.9 Gbps 4 Gbps 1.7 Gbps	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 11 / 5 Gbps 6.8 Gbps 7 Gbps 3.5 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 ¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) ³ Application Control Throughput (HTTP 64K)² NGFW Throughput (Enterprise Mix)²-5	3.5 / 3.5 / 3.5 Gbps 4 µs 2 Million 4,000 5,000 1 Gbps 200 2,500 35 Mbps 200 275 / 50 Mbps 18 Mbps 100 Mbps 30 Mbps 25 Mbps	7.4/7.4/4.4 Gbps 3 µs 2 Million 30,000 10,000 4 Gbps 2,000 10,000 250 Mbps 300 1.9 Gbps / 500 Mbps 190 Mbps 1 Gbps 360 Mbps 250 Mbps	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 6 / 2.2 Gbps 1 Gbps 3.5 Gbps 1.8 Gbps 1.2 Gbps	8 / 8 / 8 Gbps 3 µs 4 Million 200,000 10,000 7 Gbps 2,000 50,000 350 Mbps 500 2.8 / 2 Gbps 1.9 Gbps 4 Gbps 1.7 Gbps 1.5 Gbps	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 11 / 5 Gbps 6.8 Gbps 7 Gbps 3.5 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 ¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) ³ Application Control Throughput (HTTP 64K) ² NGFW Throughput (Enterprise Mix)²-⁴ Threat Protection Throughput (Ent. Mix)²-5 Max FortiAPs (Total / Tunnel)	3.5 / 3.5 / 3.5 Gbps 4 µs 2 Million 4,000 5,000 1 Gbps 200 2,500 35 Mbps 200 275 / 50 Mbps 18 Mbps 100 Mbps 30 Mbps 25 Mbps	7.4/7.4/4.4 Gbps 3 µs 2 Million 30,000 10,000 4 Gbps 2,000 10,000 250 Mbps 300 1.9 Gbps / 500 Mbps 190 Mbps 1 Gbps 360 Mbps 250 Mbps 64 / 32	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 6 / 2.2 Gbps 1 Gbps 3.5 Gbps 1.8 Gbps 1.2 Gbps 1.2 Gbps	8 / 8 / 8 Gbps 3 µs 4 Million 200,000 10,000 7 Gbps 2,000 50,000 350 Mbps 500 2.8 / 2 Gbps 1.9 Gbps 4 Gbps 1.7 Gbps 1.5 Gbps 512 / 256	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 11 / 5 Gbps 6.8 Gbps 7 Gbps 3.5 Gbps 3 Gbps 512 / 256
(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 ¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) ³ Application Control Throughput (HTTP 64K) ² NGFW Throughput (Enterprise Mix)²-¹ Threat Protection Throughput (Ent. Mix)²-⁵ Max FortiAPs (Total / Tunnel) Max FortiSwitches	3.5 / 3.5 / 3.5 Gbps 4 µs 2 Million 4,000 5,000 1 Gbps 200 2,500 35 Mbps 200 275 / 50 Mbps 18 Mbps 100 Mbps 30 Mbps 25 Mbps 32 / 16 8	7.4/7.4/4.4 Gbps 3 µs 2 Million 30,000 10,000 4 Gbps 2,000 10,000 250 Mbps 300 1.9 Gbps/500 Mbps 1 Gbps 360 Mbps 250 Mbps 260 Mbps	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 6 / 2.2 Gbps 1 Gbps 3.5 Gbps 1.8 Gbps 1.2 Gbps 128 / 64 24	8 / 8 / 8 Gbps 3 µs 4 Million 200,000 10,000 7 Gbps 2,000 50,000 350 Mbps 500 2.8 / 2 Gbps 1.9 Gbps 4 Gbps 1.7 Gbps 1.5 Gbps 512 / 256 48	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 11 / 5 Gbps 6.8 Gbps 7 Gbps 3.5 Gbps 3 Gbps 512 / 256 48
(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 1 (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) 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	3.5 / 3.5 / 3.5 Gbps 4 µs 2 Million 4,000 5,000 1 Gbps 200 2,500 35 Mbps 200 275 / 50 Mbps 18 Mbps 100 Mbps 30 Mbps 25 Mbps 32 / 16 8 100	7.4/7.4/4.4 Gbps 3 µs 2 Million 30,000 10,000 4 Gbps 2,000 10,000 250 Mbps 300 1.9 Gbps/500 Mbps 1 Gbps 360 Mbps 250 Mbps 250 Mbps 24 1,000	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 6 / 2.2 Gbps 1 Gbps 3.5 Gbps 1.8 Gbps 1.2 Gbps 128 / 64 24 1,000	8 / 8 / 8 Gbps 3 µs 4 Million 200,000 10,000 7 Gbps 2,000 50,000 350 Mbps 500 2.8 / 2 Gbps 1.9 Gbps 4 Gbps 1.7 Gbps 1.5 Gbps 512 / 256 48 1,000	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 11 / 5 Gbps 6.8 Gbps 7 Gbps 3 Gbps 3 Gbps 512 / 256 48 1,000
(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 1 (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) 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	3.5 / 3.5 / 3.5 Gbps 4 µs 2 Million 4,000 5,000 1 Gbps 200 2,500 35 Mbps 200 275 / 50 Mbps 18 Mbps 100 Mbps 30 Mbps 25 Mbps 32 / 16 8 100 200	7.4/7.4/4.4 Gbps 3 µs 2 Million 30,000 10,000 4 Gbps 2,000 10,000 250 Mbps 300 1.9 Gbps / 500 Mbps 190 Mbps 1 Gbps 360 Mbps 250 Mbps 24 1,000 600	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 6 / 2.2 Gbps 1 Gbps 3.5 Gbps 1.8 Gbps 1.2 Gbps 128 / 64 24 1,000 600	8 / 8 / 8 Gbps 3 µs 4 Million 200,000 10,000 7 Gbps 2,000 50,000 350 Mbps 500 2.8 / 2 Gbps 1.9 Gbps 4 Gbps 1.7 Gbps 1.5 Gbps 512 / 256 48 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 11 / 5 Gbps 6.8 Gbps 7 Gbps 3.5 Gbps 3 Gbps 512 / 256 48 1,000 600
(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 1 (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) 3 Application Control Throughput (IHTTP 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)	3.5 / 3.5 / 3.5 Gbps 4 µs 2 Million 4,000 5,000 1 Gbps 200 2,500 35 Mbps 200 275 / 50 Mbps 18 Mbps 100 Mbps 30 Mbps 25 Mbps 32 / 16 8 100 200 10 / 10	7.4 / 7.4 / 4.4 Gbps 3 µs 2 Million 30,000 10,000 4 Gbps 2,000 10,000 250 Mbps 300 1.9 Gbps / 500 Mbps 1 Gbps 360 Mbps 250 Mbps 250 Mbps 250 Mbps 264 / 32 24 1,000 600 10 / 10	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 6 / 2.2 Gbps 1 Gbps 1.8 Gbps 1.2 Gbps 1.2 Gbps 1.2 Gbps 1.2 Gbps 1.2 Gbps 1.2 Gbps 1.4 Gbps 1.5 Gbps 1.8 Gbps	8 / 8 / 8 Gbps 3 µs 4 Million 200,000 10,000 7 Gbps 2,000 50,000 350 Mbps 500 2.8 / 2 Gbps 1.9 Gbps 4 Gbps 1.7 Gbps 1.5 Gbps 512 / 256 48 1,000 600 10 / 10	32 / 32 / 20 Gbps 3 µs 4 Million 300,000 10,000 20 Gbps 2,000 50,000 2.5 Gbps 500 11 / 5 Gbps 6.8 Gbps 7 Gbps 3.5 Gbps 3 Gbps 512 / 256 48 1,000 600 10 / 10
(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 1 (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) 3 Application Control Throughput (IHTTP 64K) 2 NGFW Throughput (Enterprise Mix)2.4 Threat Protection Throughput (Ent. Mix)2.5 Max FortiAPs (Total / Tunnel) Max FortiTokens Max Registered FortClient Virtual Domains (Default/Max) Interfaces Local Storage	3.5 / 3.5 / 3.5 Gbps 4 µs 2 Million 4,000 5,000 1 Gbps 200 2,500 35 Mbps 200 275 / 50 Mbps 18 Mbps 100 Mbps 30 Mbps 25 Mbps 32 / 16 8 100 200 10 / 10	7.4 / 7.4 / 4.4 Gbps 3 μs 2 Million 30,000 10,000 4 Gbps 2,000 10,000 250 Mbps 300 1.9 Gbps / 500 Mbps 190 Mbps 1 Gbps 360 Mbps 250 Mbps 250 Mbps 360 Mbps 250 Mbps 480 GB (101E)	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 6 / 2.2 Gbps 1 Gbps 1.8 Gbps 1.2 Gbps 1.2 Gbps 1.2 Gbps 1.2 Gbps 1.2 Gbps 1.4 GBps 1.5 GBps 1.8 GBps	8 / 8 / 8 Gbps 3 µs 4 Million 200,000 10,000 7 Gbps 2,000 50,000 350 Mbps 500 2.8 / 2 Gbps 1.9 Gbps 4 Gbps 1.7 Gbps 1.5 Gbps 512 / 256 48 1,000 600 10 / 10 6x 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 11 / 5 Gbps 6.8 Gbps 7 Gbps 3.5 Gbps 3 Gbps 512 / 256 48 1,000 600 10 / 10
(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 1 (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) 3 Application Control Throughput (IPTP 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	3.5 / 3.5 / 3.5 Gbps 4 µs 2 Million 4,000 5,000 1 Gbps 200 2,500 35 Mbps 200 275 / 50 Mbps 18 Mbps 100 Mbps 30 Mbps 25 Mbps 32 / 16 8 100 200 10 / 10	7.4/7.4/4.4 Gbps 3 µs 2 Million 30,000 10,000 4 Gbps 2,000 10,000 250 Mbps 300 1.9 Gbps / 500 Mbps 190 Mbps 1 Gbps 360 Mbps 250 Mbps 250 Mbps 250 Mbps 264 / 32 24 1,000 600 10 / 10 20x GE RJ45, 2x Shared Port Pairs	20 / 20 / 9 Gbps 3 µs 2 Million 135,000 10,000 9 Gbps 2,000 10,000 900 Mbps 300 6 / 2.2 Gbps 1 Gbps 1.8 Gbps 1.2 Gbps 1.2 Gbps 1.2 Gbps 1.2 Gbps 1.2 Gbps 1.4 Gbps 1.5 Gbps 1.8 Gbps	8 / 8 / 8 Gbps 3 µs 4 Million 200,000 10,000 7 Gbps 2,000 50,000 350 Mbps 500 2.8 / 2 Gbps 1.9 Gbps 4 Gbps 1.7 Gbps 1.5 Gbps 512 / 256 48 1,000 600 10 / 10 6x 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 11 / 5 Gbps 6.8 Gbps 7 Gbps 3.5 Gbps 3 Gbps 512 / 256 48 1,000 600 10 / 10 18x GE RJ45, 16x GE SFP

FortiGate® Network Security Platform - *Top Selling Models Matrix

	FG-500E	FG-800D	FG-1000D	FG-1200D	FG-1500D
Firewall Throughput	36 / 36 / 22	36 / 36 / 22 Gbps	52 / 52 / 33 Gbps	72 / 72 / 50 Gbps	80 / 80 / 55 Gbps
(1518/512/64 byte UDP)	Gbps				'
Firewall Latency	2 µs	3 µs	3 µs	3 µs	3 µs
Concurrent Sessions	8 Million	5 Million	11 Million	11 Million	12 Million
New Sessions/Sec	300,000	280,000	280,000	290,000	300,000
Firewall Policies	10,000	10,000	100,000	100,000	100,000
IPsec VPN Throughput (512 byte) 1	20 Gbps	20 Gbps	25 Gbps	40 Gbps	50 Gbps
Max G/W to G/W IPSEC Tunnels	2,000	2,000	20,000	20,000	20,000
Max Client to G/W IPSEC Tunnels	50,000	50,000	100,000	100,000	100,000
SSL VPN Throughput	5 Gbps	2.2 Gbps	3.6 Gbps	3.6 Gbps	4 Gbps
Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode)	500	5,000	10,000	10,000	10,000
IPS Throughput 1 (HTTP / Enterprise Mix)	11 / 5.2 Gbps	8 / 4.2 Gbps	9 / 6 Gbps	11 / 6.8 Gbps	15 / 13 Gbps
SSL Inspection Throughput (IPS, HTTP) 3	6.8 Gbps	4 Gbps	4 Gbps	6 Gbps	10.5 Gbps
Application Control Throughput (HTTP 64K) ²	14 Gbps	9 Gbps	14 Gbps	15 Gbps	16 Gbps
NGFW Throughput (Enterprise Mix) ^{2, 4}	5 Gbps	4 Gbps	5 Gbps	6 Gbps	7 Gbps
Threat Protection Throughput (Ent. Mix) ^{2,5}	4.7 Gbps	3 Gbps	4 Gbps	4 Gbps	5 Gbps
Max FortiAPs (Total, Tunnel)	512 / 256	1,024 / 512	4,096 / 1,024	4,096 / 1,024	4,096 / 1,024
Max FortiSwitches	48	64	128	128	128
Max FortiTokens	1,000	1,000	5,000	5,000	5,000
Max Registered Endpoints	2,000	2,000	20,000	20,000	20,000
Virtual Domains (Default/Max)	10 / 10	10 / 10	10 / 250	10 / 250	10 / 250
Interfaces	2x 10 GE SFP+, 10x GE RJ45, 8x GE SFP	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
Local Storage	480 GB (501E)	240 GB	256 GB	240 GB	480 GB
Power Supplies	Single AC PS, opt. Dual PS	Single AC PS, opt. Dual PS	Dual PS	Dual PS	Dual PS
Form Factor	1 RU	1 RU	2 RU	2 RU	2 RU
Variants			LENO	1510	100E D 14E DO 1 ENO
variants	_	_	LENC	LENC	10GE RJ45, DC, LENC
valialits	FG-2000E	FG-2500E	FG-3000D	FG-3100D	FG-3200D
Firewall Throughput	FG-2000E 90 / 90 / 60 Gbps	FG-2500E			
Firewall Throughput (1518/512/64 byte UDP)	90 / 90 / 60 Gbps	150 / 150 / 95 Gbps	FG-3000D 80 / 80 / 50 Gbps	FG-3100D 80 / 80 / 50 Gbps	FG-3200D 80 / 80 / 50 Gbps
Firewall Throughput (1518/512/64 byte UDP) Firewall Latency			FG-3000D 80 / 80 / 50	FG-3100D 80 / 80 / 50	FG-3200D
Firewall Throughput (1518/512/64 byte UDP) Firewall Latency Concurrent Sessions	90 / 90 / 60 Gbps 2 μs	150 / 150 / 95 Gbps 2 µs	FG-3000D 80 / 80 / 50 Gbps 3 µs	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million	FG-3200D 80 / 80 / 50 Gbps 3 μs
Firewall Throughput (1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec	90 / 90 / 60 Gbps 2 µs 20 Million 500,000	150 / 150 / 95 Gbps 2 µs 20 Million 500,000	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000	FG-3200D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000
Firewall Throughput (1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000	150 / 150 / 95 Gbps 2 µs 20 Million 500,000 100,000	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000	FG-3200D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000
Firewall Throughput (1518/512/64 byte UDP) Firewall Latency Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) ¹	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000 65 Gbps	150 / 150 / 95 Gbps 2 µs 20 Million 500,000 100,000 95 Gbps	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps	FG-3200D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps
Firewall Throughput (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	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000 65 Gbps 20,000	150 / 150 / 95 Gbps 2 µs 20 Million 500,000 100,000 95 Gbps 20,000	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000	FG-3200D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000
Firewall Throughput (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	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000 65 Gbps 20,000 100,000	150 / 150 / 95 Gbps 2 µs 20 Million 500,000 100,000 95 Gbps 20,000 100,000	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000	FG-3200D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps
Firewall Throughput (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	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000 65 Gbps 20,000	150 / 150 / 95 Gbps 2 µs 20 Million 500,000 100,000 95 Gbps 20,000	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000	FG-3200D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000
Firewall Throughput (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)	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000 65 Gbps 20,000 100,000 6 Gbps 10,000	150 / 150 / 95 Gbps 2 µs 20 Million 500,000 100,000 95 Gbps 20,000 100,000 6 Gbps 10,000	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000	FG-3200D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000
Firewall Throughput (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 1 (HTTP / Enterprise Mix)	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000 65 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps	2 µs 20 Million 500,000 100,000 95 Gbps 20,000 100,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 43 / 23 Gbps	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 45 / 22 Gbps	FG-3200D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 44 / 26 Gbps
Firewall Throughput (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 1 (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) 3	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000 65 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps	2 µs 20 Million 500,000 100,000 95 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 43 / 23 Gbps 19 Gbps	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 45 / 22 Gbps 22 Gbps	FG-3200D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 44 / 26 Gbps 20 Gbps
Firewall Throughput (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 (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) Application Control Throughput (HTTP 64K) 2	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000 65 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps	2 µs 20 Million 500,000 100,000 95 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 20 Gbps	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 43 / 23 Gbps 19 Gbps 40 Gbps	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 45 / 22 Gbps 22 Gbps 40 Gbps	FG-3200D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 44 / 26 Gbps 20 Gbps 50 Gbps
Firewall Throughput (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 (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) Application Control Throughput (HTTP 64K) NGFW Throughput (Enterprise Mix)	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000 65 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps 9 Gbps	2 µs 20 Million 500,000 100,000 95 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 43 / 23 Gbps 19 Gbps 40 Gbps 22 Gbps	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 45 / 22 Gbps 22 Gbps 40 Gbps 18 Gbps	FG-3200D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 44 / 26 Gbps 20 Gbps 50 Gbps 24 Gbps
Firewall Throughput (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 (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) Application Control Throughput (HTTP 64K) NGFW Throughput (Enterprise Mix) Threat Protection Throughput (Ent. Mix) ^{2,5}	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000 65 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps 9 Gbps 5.4 Gbps	2 µs 20 Million 500,000 100,000 95 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps 9 Gbps	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 43 / 23 Gbps 19 Gbps 40 Gbps 22 Gbps 13 Gbps	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 45 / 22 Gbps 22 Gbps 40 Gbps 18 Gbps 13 Gbps	FG-3200D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 44 / 26 Gbps 20 Gbps 50 Gbps 24 Gbps 15 Gbps
Firewall Throughput (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 1 (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) Application Control Throughput (HTTP 64K) NGFW Throughput (Enterprise Mix) ^{2,4} Threat Protection Throughput (Ent. Mix) ^{2,5} Max FortiAPs (Total, Tunnel)	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000 65 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps 9 Gbps 5.4 Gbps 4,096 / 1,024	2 µs 20 Million 500,000 100,000 95 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps 9 Gbps 4,096 / 1,024	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 43 / 23 Gbps 19 Gbps 40 Gbps 22 Gbps 13 Gbps 13 Gbps	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 45 / 22 Gbps 22 Gbps 40 Gbps 18 Gbps 13 Gbps 13 Gbps	FG-3200D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 44 / 26 Gbps 20 Gbps 50 Gbps 24 Gbps 15 Gbps 4096 / 1024
Firewall Throughput (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 1 (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) Application Control Throughput (HTTP 64K) NGFW Throughput (Enterprise Mix) ²⁻⁴ Threat Protection Throughput (Ent. Mix) ²⁻⁵ Max FortiAPs (Total, Tunnel) Max FortiSwitches	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000 65 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps 9 Gbps 5.4 Gbps 4,096 / 1,024 128	2 µs 20 Million 500,000 100,000 95 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps 9 Gbps 5.4 Gbps 4,096 / 1,024	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 43 / 23 Gbps 19 Gbps 40 Gbps 22 Gbps 13 Gbps 13 Gbps 13 Gbps	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 45 / 22 Gbps 22 Gbps 40 Gbps 18 Gbps 13 Gbps 13 Gbps 4096 / 1024 256	FG-3200D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 44 / 26 Gbps 20 Gbps 50 Gbps 24 Gbps 15 Gbps 4096 / 1024 256
Firewall Throughput (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 (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) Application Control Throughput (HTTP 64K) Threat Protection Throughput (Ent. Mix) Max FortiAPs (Total, Tunnel) Max FortiSwitches Max FortiTokens	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000 65 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps 9 Gbps 5.4 Gbps 4,096 / 1,024 128 5,000	2 µs 20 Million 500,000 100,000 95 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps 9 Gbps 5.4 Gbps 4,096 / 1,024 128 5,000	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 43 / 23 Gbps 19 Gbps 40 Gbps 22 Gbps 13 Gbps 13 Gbps 15 Gbps 15 Gbps 16 Gbps 17 Gbps 18 Gbps 19 Gbps 19 Gbps 18 Gbps 18 Gbps	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 45 / 22 Gbps 22 Gbps 40 Gbps 18 Gbps 13 Gbps 13 Gbps 4096 / 1024 256 5,000	FG-3200D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 44 / 26 Gbps 20 Gbps 50 Gbps 24 Gbps 15 Gbps 4096 / 1024 256 5,000
Firewall Throughput (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 1 (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) Application Control Throughput (HTTP 64K) NGFW Throughput (Enterprise Mix) ²⁻⁴ Threat Protection Throughput (Ent. Mix) ²⁻⁵ Max FortiAPs (Total, Tunnel) Max FortiSwitches Max FortiTokens Max Registered Endpoints	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000 65 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps 9 Gbps 5.4 Gbps 4,096 / 1,024 128 5,000 20,000	2 µs 20 Million 500,000 100,000 95 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps 9 Gbps 4,096 / 1,024 128 5,000 20,000	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 43 / 23 Gbps 19 Gbps 40 Gbps 22 Gbps 13 Gbps 13 Gbps 4096 / 1024 256 5,000 50,000	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 45 / 22 Gbps 22 Gbps 40 Gbps 13 Gbps 13 Gbps 13 Gbps 5,000 50,000	FG-3200D 80 / 80 / 50 Gbps 3 μs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 44 / 26 Gbps 20 Gbps 50 Gbps 24 Gbps 15 Gbps 4096 / 1024 256 5,000 50,000
Firewall Throughput (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 1 (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) Application Control Throughput (HTTP 64K) NGFW Throughput (Enterprise Mix) Threat Protection Throughput (Ent. Mix) ^{2,5} Max FortiAPs (Total, Tunnel) Max FortiSwitches Max Registered Endpoints Virtual Domains (Default/Max)	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000 65 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps 9 Gbps 5.4 Gbps 4,096 / 1,024 128 5,000	2 µs 20 Million 500,000 100,000 95 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps 9 Gbps 5.4 Gbps 4,096 / 1,024 128 5,000	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 43 / 23 Gbps 19 Gbps 40 Gbps 22 Gbps 13 Gbps 13 Gbps 15 Gbps 15 Gbps 16 Gbps 17 Gbps 18 Gbps 19 Gbps 19 Gbps 18 Gbps 18 Gbps	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 45 / 22 Gbps 22 Gbps 40 Gbps 18 Gbps 13 Gbps 13 Gbps 4096 / 1024 256 5,000	FG-3200D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 44 / 26 Gbps 20 Gbps 50 Gbps 24 Gbps 15 Gbps 4096 / 1024 256 5,000
Firewall Throughput (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 Cient to G/W IPSEC Tunnels SSL VPN Throughput Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) IPS Throughput 1 (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) 3 Application Control Throughput (HTTP 64K) 2 NGFW Throughput (Enterprise Mix)2 Threat Protection Throughput (Ent. Mix)2.5 Max FortiAPs (Total, Tunnel) Max FortiTokens Max Registered Endpoints Virtual Domains (Default/Max) Interfaces	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000 65 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps 9 Gbps 5.4 Gbps 4,096 / 1,024 128 5,000 20,000 10 / 500 6x 10GE SFP+, , 34x GE RJ45	2 µs 20 Million 500,000 100,000 95 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 20 Gbps 20 Gbps 4,096 / 1,024 128 5,000 20,000 10 / 500 10 / 106 SFP+, 2x 10GE SFP+ bypass, 34x GE RJ45	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 43 / 23 Gbps 19 Gbps 40 Gbps 22 Gbps 13 Gbps 13 Gbps 4096 / 1024 256 5,000 50,000 10 / 500 16x 10GE SFP+/GE SFP, 2x GE RJ45	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 45 / 22 Gbps 22 Gbps 40 Gbps 18 Gbps 13 Gbps 13 Gbps 13 Gbps 13 Gbps 4096 / 1024 256 5,000 50,000 10 / 500 32x 10GE SFP+/GE SFP, 2x GE RJ45	FG-3200D 80 / 80 / 50 Gbps 3 μs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 44 / 26 Gbps 20 Gbps 50 Gbps 24 Gbps 15 Gbps 4096 / 1024 256 5,000 50,000 10 / 500 48x 10GE SFP+/GE SFP, 2x GE RJ45
Firewall Throughput (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 1 (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) Application Control Throughput (HTTP 64K) NGFW Throughput (Enterprise Mix) Threat Protection Throughput (Ent. Mix)2.5 Max FortiAPs (Total, Tunnel) Max FortiSwitches Max Registered Endpoints Virtual Domains (Default/Max) Interfaces Local Storage	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000 65 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps 9 Gbps 5.4 Gbps 4,096 / 1,024 128 5,000 20,000 10 / 500 6x 10GE SFP+, , 34x GE RJ45	2 µs 20 Million 500,000 100,000 95 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 20 Gbps 20 Gbps 4,096 / 1,024 128 5,000 20,000 10 / 500 10 / 100 SFP+, 2x 10GE SFP+, 2x 10GE SFP+, 480 GB	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 43 / 23 Gbps 19 Gbps 40 Gbps 22 Gbps 13 Gbps 13 Gbps 13 Gbps 10 Gbps 140 Gbps 15 Gbps 16 Gbps 17 Gbps 18 Gbps 19 Gbps 10 Gbps	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 45 / 22 Gbps 22 Gbps 40 Gbps 18 Gbps 13 Gbps 13 Gbps 13 Gbps 13 Gbps 30,000 32x 10GE SFP+/GE SFP, 2x GE RJ45	FG-3200D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 44 / 26 Gbps 20 Gbps 50 Gbps 24 Gbps 15 Gbps 4096 / 1024 256 5,000 50,000 10 / 500 48x 10GE SFP+//GE SFP, 2x GE RJ45
Firewall Throughput (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 ¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) ³ Application Control Throughput (HTTP 64K) ² NGFW Throughput (Enterprise Mix)² 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 Power Supplies	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000 65 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps 9 Gbps 5.4 Gbps 4,096 / 1,024 128 5,000 20,000 10 / 500 6x 10GE SFP+, , 34x GE RJ45 480 GB Dual PS	2 µs 20 Million 500,000 100,000 95 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps 9 Gbps 5.4 Gbps 4,096 / 1,024 128 5,000 20,000 10 / 500 10 x 10GE SFP+, 2x 10GE SFP+, 2x 10GE SFP+, 480 GB Dual PS	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 43 / 23 Gbps 19 Gbps 40 Gbps 22 Gbps 13 Gbps 13 Gbps 13 Gbps 10 Gbps 40 Gbps	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 45 / 22 Gbps 22 Gbps 40 Gbps 18 Gbps 13 Gbps 13 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	FG-3200D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 44 / 26 Gbps 20 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
Firewall Throughput (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	90 / 90 / 60 Gbps 2 µs 20 Million 500,000 100,000 65 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 12.5 Gbps 20 Gbps 9 Gbps 5.4 Gbps 4,096 / 1,024 128 5,000 20,000 10 / 500 6x 10GE SFP+, , 34x GE RJ45	2 µs 20 Million 500,000 100,000 95 Gbps 20,000 100,000 6 Gbps 10,000 25 / 11.5 Gbps 20 Gbps 20 Gbps 4,096 / 1,024 128 5,000 20,000 10 / 500 10 / 100 SFP+, 2x 10GE SFP+, 2x 10GE SFP+, 480 GB	FG-3000D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 43 / 23 Gbps 19 Gbps 40 Gbps 22 Gbps 13 Gbps 13 Gbps 13 Gbps 10 Gbps 140 Gbps 15 Gbps 16 Gbps 17 Gbps 18 Gbps 19 Gbps 10 Gbps	FG-3100D 80 / 80 / 50 Gbps 3 µs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 45 / 22 Gbps 22 Gbps 40 Gbps 18 Gbps 13 Gbps 13 Gbps 13 Gbps 13 Gbps 30,000 32x 10GE SFP+/GE SFP, 2x GE RJ45	FG-3200D 80 / 80 / 50 Gbps 3 μs 50 Million 400,000 200,000 50 Gbps 40,000 200,000 8 Gbps 30,000 44 / 26 Gbps 20 Gbps 50 Gbps 24 Gbps 15 Gbps 4096 / 1024 256 5,000 50,000 10 / 500 48x 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	160 / 160 / 110 Gbps	320 / 300 / 150 Gbps	620 / 610 / 370 Gbps	1.05 Tbps / 1.05 Tbps /	239 / 238 / 135 Gbps
(1518/512/64 byte UDP)	·			680 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	130 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	TBA
Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode)	30,000	30,000	30,000	30,000	30,000
IPS Throughput 1 (HTTP / Enterprise Mix)	57 / 28 Gbps	75 / 30 Gbps	80 / 30 Gbps	82 / 32 Gbps	212 / 110 Gbps
SSL Inspection Throughput (IPS, HTTP) ³	24 Gbps	23 Gbps	30 Gbps	32 Gbps	90 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	<u> </u>
Max FortiTokens	5,000	5,000	5,000	5,000	5,000
Max Registered Endpoints	100,000	100,000	100,000	100,000	20,000
Virtual Domains (Default/Max)	10 / 500	10 / 500	10 / 500	10 / 500	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, 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
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, FG-3810D, 3815D	DC	DC	_
Variatio	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
Firewall Latency Concurrent Sessions	5 µs 200 Million	7 μs 160 Million	7 µs 160 Million	7 μs 320 Million	3 μs 40 Million
	····				
Concurrent Sessions	200 Million	160 Million	160 Million	320 Million	40 Million
Concurrent Sessions New Sessions/Sec	200 Million 3 Million	160 Million 900,000	160 Million 950,000	320 Million 1.8 Million	40 Million 640,000
Concurrent Sessions New Sessions/Sec Firewall Policies	200 Million 3 Million 200,000	160 Million 900,000 200,000	160 Million 950,000 200,000	320 Million 1.8 Million 200,000	40 Million 640,000 200,000
Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) 1	200 Million 3 Million 200,000 160 Gbps	160 Million 900,000 200,000 40 Gbps	160 Million 950,000 200,000 100 Gbps	320 Million 1.8 Million 200,000 100 Gbps	40 Million 640,000 200,000 45 Gbps
Concurrent Sessions New Sessions/Sec Firewall Policies IPsec VPN Throughput (512 byte) 1 Max G/W to G/W IPSEC Tunnels	200 Million 3 Million 200,000 160 Gbps 16,000	160 Million 900,000 200,000 40 Gbps 40,000	160 Million 950,000 200,000 100 Gbps 40,000	320 Million 1.8 Million 200,000 100 Gbps 40,000	40 Million 640,000 200,000 45 Gbps 40,000
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	200 Million 3 Million 200,000 160 Gbps 16,000 90,000	160 Million 900,000 200,000 40 Gbps 40,000 64,000	160 Million 950,000 200,000 100 Gbps 40,000 64,000	320 Million 1.8 Million 200,000 100 Gbps 40,000 64,000	40 Million 640,000 200,000 45 Gbps 40,000 64,000
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)	200 Million 3 Million 200,000 160 Gbps 16,000 90,000 TBA 30,000	160 Million 900,000 200,000 40 Gbps 40,000 64,000 15 Gbps 48,000	160 Million 950,000 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000	320 Million 1.8 Million 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000	40 Million 640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000
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 1 (HTTP / Enterprise Mix)	200 Million 3 Million 200,000 160 Gbps 16,000 90,000 TBA 30,000 / 170 Gbps	160 Million 900,000 200,000 40 Gbps 40,000 64,000 15 Gbps 48,000 90 / 60 Gbps	160 Million 950,000 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 140 / 60 Gbps	320 Million 1.8 Million 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 360 / 120 Gbps	40 Million 640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000
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 ¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) ³	200 Million 3 Million 200,000 160 Gbps 16,000 90,000 TBA 30,000 / 170 Gbps 130 Gbps	160 Million 900,000 200,000 40 Gbps 40,000 64,000 15 Gbps 48,000 90 / 60 Gbps 50 Gbps	160 Million 950,000 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 140 / 60 Gbps 50 Gbps	320 Million 1.8 Million 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 360 / 120 Gbps	40 Million 640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 25 / 18 Gbps
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 Throughput¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) ³ Application Control Throughput (HTTP 64K)²	200 Million 3 Million 200,000 160 Gbps 16,000 90,000 TBA 30,000 / 170 Gbps 130 Gbps 220 Gbps	160 Million 900,000 200,000 40 Gbps 40,000 64,000 15 Gbps 48,000 90 / 60 Gbps 50 Gbps	160 Million 950,000 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 140 / 60 Gbps 50 Gbps 80 Gbps	320 Million 1.8 Million 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 360 / 120 Gbps 100 Gbps	40 Million 640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 25 / 18 Gbps 17 Gbps 36 Gbps
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 ¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) ³ Application Control Throughput (HTTP 64K) ² NGFW Throughput (Enterprise Mix)²-4	200 Million 3 Million 200,000 160 Gbps 16,000 90,000 TBA 30,000 / 170 Gbps 130 Gbps 220 Gbps 150 Gbps	160 Million 900,000 200,000 40 Gbps 40,000 64,000 15 Gbps 48,000 90 / 60 Gbps 50 Gbps 65 Gbps 50 Gbps	160 Million 950,000 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 140 / 60 Gbps 50 Gbps 80 Gbps 50 Gbps	320 Million 1.8 Million 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 360 / 120 Gbps 100 Gbps 160 Gbps 100 Gbps	40 Million 640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 25 / 18 Gbps 17 Gbps 36 Gbps 15 Gbps
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 ¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) ³ Application Control Throughput (HTTP 64K) ² NGFW Throughput (Enterprise Mix)²-5 Threat Protection Throughput (Ent. Mix)²-5	200 Million 3 Million 200,000 160 Gbps 16,000 90,000 TBA 30,000 / 170 Gbps 130 Gbps 220 Gbps	160 Million 900,000 200,000 40 Gbps 40,000 64,000 15 Gbps 48,000 90 / 60 Gbps 50 Gbps	160 Million 950,000 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 140 / 60 Gbps 50 Gbps 80 Gbps	320 Million 1.8 Million 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 360 / 120 Gbps 100 Gbps	40 Million 640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 25 / 18 Gbps 17 Gbps 36 Gbps 15 Gbps 13.5 Gbps
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 ¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) ³ Application Control Throughput (HTTP 64K) ² NGFW Throughput (Enterprise Mix) ^{2,4} Threat Protection Throughput (Ent. Mix) ^{2,5} Max FortiAPs (Total, Tunnel)	200 Million 3 Million 200,000 160 Gbps 16,000 90,000 TBA 30,000 / 170 Gbps 130 Gbps 220 Gbps 150 Gbps	160 Million 900,000 200,000 40 Gbps 40,000 64,000 15 Gbps 48,000 90 / 60 Gbps 50 Gbps 65 Gbps 50 Gbps	160 Million 950,000 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 140 / 60 Gbps 50 Gbps 80 Gbps 50 Gbps	320 Million 1.8 Million 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 360 / 120 Gbps 100 Gbps 160 Gbps 100 Gbps	40 Million 640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 25 / 18 Gbps 17 Gbps 36 Gbps 15 Gbps
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 ¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) 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	200 Million 3 Million 200,000 160 Gbps 16,000 90,000 TBA 30,000 / 170 Gbps 130 Gbps 220 Gbps 150 Gbps 100 Gbps ————	160 Million 900,000 200,000 40 Gbps 40,000 64,000 15 Gbps 48,000 90 / 60 Gbps 50 Gbps 65 Gbps 50 Gbps	160 Million 950,000 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 140 / 60 Gbps 50 Gbps 80 Gbps 50 Gbps 40 Gbps ————————————————————————————————————	320 Million 1.8 Million 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 360 / 120 Gbps 100 Gbps 100 Gbps 100 Gbps	40 Million 640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 25 / 18 Gbps 17 Gbps 36 Gbps 15 Gbps 13.5 Gbps 4,096 / 1,024
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 ¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) 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	200 Million 3 Million 200,000 160 Gbps 16,000 90,000 TBA 30,000 / 170 Gbps 130 Gbps 220 Gbps 150 Gbps 100 Gbps — — — — — — 5,000	160 Million 900,000 200,000 40 Gbps 40,000 64,000 15 Gbps 48,000 90 / 60 Gbps 50 Gbps 65 Gbps 50 Gbps	160 Million 950,000 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 140 / 60 Gbps 50 Gbps 80 Gbps 50 Gbps 40 Gbps — — 5,000	320 Million 1.8 Million 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 360 / 120 Gbps 100 Gbps 100 Gbps 5,000	40 Million 640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 25 / 18 Gbps 17 Gbps 36 Gbps 15 Gbps 13.5 Gbps 4,096 / 1,024 — 5,000
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 ¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) 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	200 Million 3 Million 200,000 160 Gbps 16,000 90,000 TBA 30,000 / 170 Gbps 130 Gbps 220 Gbps 150 Gbps ——— 5,000 20,000	160 Million 900,000 200,000 40 Gbps 40,000 64,000 15 Gbps 48,000 90 / 60 Gbps 50 Gbps 50 Gbps 50 Gbps 5,000 20,000	160 Million 950,000 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 140 / 60 Gbps 50 Gbps 80 Gbps 50 Gbps 40 Gbps 5,000 20,000	320 Million 1.8 Million 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 360 / 120 Gbps 100 Gbps 100 Gbps	40 Million 640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 25 / 18 Gbps 17 Gbps 36 Gbps 15 Gbps 13.5 Gbps 4,096 / 1,024 — 5,000 20,000
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 ¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) 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	200 Million 3 Million 200,000 160 Gbps 16,000 90,000 TBA 30,000 / 170 Gbps 130 Gbps 220 Gbps 150 Gbps 100 Gbps — — — — — — 5,000	160 Million 900,000 200,000 40 Gbps 40,000 64,000 15 Gbps 48,000 90 / 60 Gbps 50 Gbps 65 Gbps 50 Gbps	160 Million 950,000 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 140 / 60 Gbps 50 Gbps 80 Gbps 50 Gbps 40 Gbps — — 5,000	320 Million 1.8 Million 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 360 / 120 Gbps 100 Gbps 100 Gbps 5,000	40 Million 640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 25 / 18 Gbps 17 Gbps 36 Gbps 15 Gbps 13.5 Gbps 4,096 / 1,024
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 ¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) 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	200 Million 3 Million 200,000 160 Gbps 16,000 90,000 TBA 30,000 / 170 Gbps 130 Gbps 220 Gbps 150 Gbps 100 Gbps — — 5,000 20,000 10 / 500 4x 100GE QSFP28, 24x 25GE SFP28, 3x 10GE SFP+,2x GE RJ45	160 Million 900,000 200,000 40 Gbps 40,000 64,000 15 Gbps 48,000 90 / 60 Gbps 50 Gbps 50 Gbps 50 Gbps 5,000 20,000	160 Million 950,000 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 140 / 60 Gbps 50 Gbps 80 Gbps 50 Gbps 40 Gbps 5,000 20,000 10 / 500	320 Million 1.8 Million 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 360 / 120 Gbps 100 Gbps 100 Gbps	40 Million 640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 25 / 18 Gbps 17 Gbps 36 Gbps 15 Gbps 13.5 Gbps 4,096 / 1,024 — 5,000 20,000 10 / 500
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 ¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) 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	200 Million 3 Million 200,000 160 Gbps 16,000 90,000 TBA 30,000 / 170 Gbps 130 Gbps 220 Gbps 150 Gbps 100 Gbps — — 5,000 20,000 10 / 500 4x 100GE QSFP28, 24x 25GE SFP28, 3x 10GE SFP+,2x GE RJ45 2 TB NVMe (6501F)	160 Million 900,000 200,000 40 Gbps 40,000 64,000 15 Gbps 48,000 90 / 60 Gbps 50 Gbps 65 Gbps 50 Gbps	160 Million 950,000 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 140 / 60 Gbps 50 Gbps 80 Gbps 50 Gbps 5,000 20,000 10 / 500 Varied	320 Million 1.8 Million 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 360 / 120 Gbps 100 Gbps 100 Gbps 100 Gbps	40 Million 640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 25 / 18 Gbps 17 Gbps 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
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 ¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) ³ Application Control Throughput (HTTP 64K) ² NGFW Throughput (Enterprise Mix)² ² 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	200 Million 3 Million 200,000 160 Gbps 16,000 90,000 TBA 30,000 / 170 Gbps 130 Gbps 220 Gbps 150 Gbps 100 Gbps — — 5,000 20,000 10 / 500 4x 100GE QSFP28, 24x 25GE SFP28, 3x 10GE SFP+,2x GE RJ45 2 TB NVMe (6501F) 3 PS	160 Million 900,000 200,000 40 Gbps 40,000 64,000 15 Gbps 48,000 90 / 60 Gbps 50 Gbps 65 Gbps 50 Gbps	160 Million 950,000 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 140 / 60 Gbps 50 Gbps 80 Gbps 50 Gbps 5,000 20,000 10 / 500 Varied 3+1 PS	320 Million 1.8 Million 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 360 / 120 Gbps 100 Gbps 100 Gbps 100 Gbps	40 Million 640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 25 / 18 Gbps 17 Gbps 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 — Chassis based
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 ¹ (HTTP / Enterprise Mix) SSL Inspection Throughput (IPS, HTTP) 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	200 Million 3 Million 200,000 160 Gbps 16,000 90,000 TBA 30,000 / 170 Gbps 130 Gbps 220 Gbps 150 Gbps 100 Gbps — — 5,000 20,000 10 / 500 4x 100GE QSFP28, 24x 25GE SFP28, 3x 10GE SFP+,2x GE RJ45 2 TB NVMe (6501F)	160 Million 900,000 200,000 40 Gbps 40,000 64,000 15 Gbps 48,000 90 / 60 Gbps 50 Gbps 65 Gbps 50 Gbps	160 Million 950,000 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 140 / 60 Gbps 50 Gbps 80 Gbps 50 Gbps 5,000 20,000 10 / 500 Varied	320 Million 1.8 Million 200,000 100 Gbps 40,000 64,000 15 Gbps 48,000 360 / 120 Gbps 100 Gbps 100 Gbps 100 Gbps	40 Million 640,000 200,000 45 Gbps 40,000 64,000 9 Gbps 25,000 25 / 18 Gbps 17 Gbps 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.

 $^{2.\} IPS\ (Enterprise\ Mix), Application\ Control,\ NGFW\ and\ Threat\ Protection\ are\ measured\ with\ Logging\ enabled.$

^{3.} SSL Inspection performance test uses TLS v1.2 with AES128-SHA256.

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

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

FortiManager™ Centralized Management Platform

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

FortiAnalyzer™ Centralized Logging & Reporting Solution

	FAZ-200F	FAZ-400E	FAZ-1000E	FAZ-2000E	FAZ-3000F	FAZ-3500F	FAZ-3700F	FAZ-VM-BASE to FAZ-VM-GB2000
GB Logs/Day	100	200	600	1,000	3,000	5,000	8,300	1 to +2,000
Analytic Sustained Rate (logs/sec)	3,000	6,000	18,000	30,000	42,000	63,000	100,000	-
Collector Sustained Rate (logs/sec)	4,500	9,000	27,000	45,000	60,000	90,000	150,000	-
Devices/VDOMs (Maximum)	150	200	2,000	2,000	4,000	10,000	10,000	10,000
Max Number of Days Analytics	30	30	30	30	21	30	60	
Total Interfaces	2x GE RJ45	4x GE RJ45	2x GE RJ45	4x GE RJ45, 2x 10GE SFP+	4x GE RJ45, 2x 10GE SFP+	2x GE RJ45, 2x GE SFP	2x GE RJ45, 2x 10GE SFP+	1 / 4 (vNIC Min / Max)
Storage Capacity	1x 4 TB	4x 3 TB	8x 3 TB	12x 3 TB	16x 3 TB	24x 3 TB	60x 4TB SAS	500 GB to +100 TB
RAID Support	N/A	RAID 0, 1, 5, 10	RAID 0, 1, 5, 6, 10, 50, 60	-				
FortiManager Capabilities (up to 20 devices)	No-	No	Yes	Yes	Yes	Yes	Yes	No

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		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 C-Series	FortiAP U-Series
Primary Deployment Mode	Integrated	Infrastructure	Integrated, Cloud	Cloud	Integrated, Infrastructure
Management	Fortlgate	FortiWLC	FortiGate, FortiCloud	FortiCloud	FortiGate, FortiWLC
Security	Via FortiGate	=	AV, IPS, AC, WF	=	Via FortiGate / AV, IPS, AC, WF

* 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

	FSW-108E	FSW-124E	FSW-224E	FSW-248E-P0E	FSW-424D	FSW-448D	FSW-524D	FSW-548D
Total Interfaces	7x GE RJ45, 1x GE POE-PD RJ45, 2x GE SFP	24x GE RJ45, 4x GE SFP	24x GE RJ45, 4x GE SFP	24x GE RJ45,24x GE RJ45 PoE, 4x GE SFP	24x GE RJ45, 2x 10GE SFP+	48x GE RJ45, 4x 10GE SFP+	24x GE RJ45, 4x 10 GE SFP+, 2x 40 GE QSFP+	48x GE RJ45, 4x 10 GE SFP+, 2x 40 GE QSFP+
Switch Capability	20 Gbps	56 Gbps	56 Gbps	104 Gbps	88 Gbps	176 Gbps	288 Gbps	336 Gbps
Variant	POE, Full PoE	POE, Full PoE	PoE	Full PoE	PoE, Full PoE	PoE, Full PoE	Full PoE	Full PoE

FortiSandbox™ Advanced Threat Prevention System

	FSA-1000D	FSA-2000E	FSA-3000E	FSA-3500D	FSA-VM
Sandbox Pre-Filter Throughput (Files/Hour) ¹	6,000	12,000	15,000	30,000* (Upgradable** to 48,000) (6,000 per node)	Hardware dependent
VM Sandboxing Throughput (Files/Hour)	160	480	1,120	720* (Upgradable** to 1,200) (160 per node)	Hardware dependent
Real-world Effective Throughput (Files/Hour) ²	480	1,440	3,360	2,160* (Upgradable** to 3,600) (480 per node)	Hardware dependent
Number of VMs	8	4 +20 optional	8 + 48 optional	36* (Upgradable** to 60) (8 per node)	4, up to 54
Forti	Guard Subscription Based Security	Service Option: FortiGuard Threat Int	elligence (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.
 * Based on the assumption that 1 blade will be used as master in HA-cluster mode.
 ** By adding 3 more SAM-3500D nodes to the same chassis.

FortiClient™ Advanced Endpoint Protection

	Windows	mac0S	Linux	Android	iOS	Windows Mobile	Chromebook
Security Fabric Components	•	•		• (Limited)	• (Limited)		
Advanced threat Protection Components	•						
Host Security and VPN Components	•	•	SSL VPN only	• (Limited)	• (Limited)	SSL VPN only	Web Filtering only

FortiDDoS™ Hardware Accelerated DDoS Mitigator

	FDD-200B	FDD-400B	FDD-600B	FDD-800B	FDD-900B	FDD-1000B/-DC	FDD-1200B		
Throughput (Bidirectional)	3 Gbps	6 Gbps	12 Gbps	12 Gbps	18 Gbps	18 Gbps	36 Gbps		
Simultaneous Connections	1 Mil	1 Mil	2 Mil	2 Mil	3 Mil	3 Mil	6 Mil		
Session Setup/Teardown	100 K/Sec	100 K/Sec	200 K/Sec	200 K/Sec	300 K/Sec	300 K/Sec	600 K/Sec		
Advanced DNS Mitigation	Yes	Yes	No	Yes	No	Yes	Yes		
	FortiGuard Subscription Based Security Service Option: IP and Domain Reputation								

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	2x GE RJ45 , 2x GE RJ45 Bypass, 4x GbE SFP	6 (4 bypass), 4x SFP GE, 2x 10GE SFP+	2x 10GE SFP+, 4x GE RJ45 Bypass, 4x GE SFP	4x 10GE SFP+, 4x GE RJ45 , 4x GE RJ45 Bypass, 4x GE SFP	2x 10GE SFP+, 2x 10GE SFP+ Bypass, 4x GE RJ45 , 4x GE RJ45 Bypass, 4x GE SFP	2x 10GE SFP+, 2x 10GE SFP+ Bypass, 4x GE RJ45 , 4x GE RJ45 Bypass, 4x GE SFP
FortiGuard Subscription Rased Security Service Options: WAF AV IP Reputation and Credential Stuffing Defence								

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	Google GCP
FortiGate-VM *	•	•	•	•	•	• / #	• / #	•	•
FortiManager-VM	•	•	•	•	•	•	•		
FortiAnalyzer-VM	•	•	•	•	•	• / #	•		
FortiWeb-VM	•	•	•	•	•	• / #	•		
FortiWeb Manager-VM	•					•			
FortiMail-VM	•	•		•	•	•	•		
FortiAuthenticator-VM	•		•	•	•	•			
FortiADC-VM	•	•	•	•	•				
FortiCache-VM	•								
FortiVoice-VM	•	•		•	•				
FortiRecorder-VM	•	•		•	•	#			
FortiSandbox-VM	•			•		• / #			
FortiSIEM-VM	•			•		•			
FortiWAN-VM	•								

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

List of Other Products

FortiADC Application Delivery Controller FortiBridge Failopen Appliance FortiCache Secure Web Cache FortiCASB Cloud Access Security Broker FortiCloud Hosted Services FortiExtender 3G/4G WAN Extender Fortiate-CGN CGN Gateway
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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