

## FortiGate® Network Security Platform - \*Top Selling Models Matrix

|                                                             | FG/FWF-30G <sup>1,2</sup> | FG/FWF-40F <sup>1,2</sup>        | FG/FWF-50G <sup>1,2</sup>             | FG/FWF-60F <sup>1,2</sup>                                   | FG-70F                                |
|-------------------------------------------------------------|---------------------------|----------------------------------|---------------------------------------|-------------------------------------------------------------|---------------------------------------|
| Firewall Throughput (1518/512/64 byte UDP)                  | 4 / 4 / 3.9 Gbps          | 5 / 5 / 5 Gbps                   | 5 / 5 / 4 Gbps                        | 10/10/6 Gbps                                                | 10 / 10 / 6 Gbps                      |
| IPsec VPN Throughput (512 byte) <sup>1</sup>                | 3.5 Gbps                  | 4.4 Gbps                         | 4.5 Gbps                              | 6.5 Gbps                                                    | 6.1 Gbps                              |
| IPS Throughput (Enterprise Mix) <sup>2</sup>                | 800 Mbps                  | 1 Gbps                           | 2.25 Gbps                             | 1.4 Gbps                                                    | 1.4 Gbps                              |
| NGFW Throughput (Enterprise Mix) <sup>2,4</sup>             | 570 Mbps                  | 800 Mbps                         | 1.25 Gbps                             | 1 Gbps                                                      | 1 Gbps                                |
| Threat Protection Throughput (Ent. Mix) <sup>2,5</sup>      | 500 Mbps                  | 600 Mbps                         | 1.1 Gbps                              | 700 Mbps                                                    | 800 Mbps                              |
| Firewall Latency                                            | 2.87 µs                   | 2.97 µs                          | 2.42 µs                               | 3.3 µs                                                      | 2.54 µs                               |
| Concurrent Sessions                                         | 600 000                   | 700 000                          | 720 000                               | 700 000                                                     | 1.5 Million                           |
| New Sessions/Sec                                            | 30 000                    | 35 000                           | 85 000                                | 35 000                                                      | 35 000                                |
| Firewall Policies                                           | 2 000                     | 2 000                            | 2 000                                 | 2 000                                                       | 5 000                                 |
| Max G/W to G/W IPSEC Tunnels                                | 200                       | 200                              | 200                                   | 200                                                         | 200                                   |
| Max Client to G/W IPSEC Tunnels                             | 250                       | 250                              | 250                                   | 500                                                         | 500                                   |
| SSL VPN Throughput                                          | —                         | 490 Mbps <sup>10</sup>           | —                                     | 900 Mbps <sup>10</sup>                                      | 405 Mbps                              |
| Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) | —                         | 200 <sup>10</sup>                | —                                     | 200 <sup>10</sup>                                           | 200                                   |
| SSL Inspection Throughput (IPS, avg. HTTPS) <sup>3</sup>    | 400 Mbps                  | 310 Mbps                         | 1.3 Gbps                              | 630 Mbps                                                    | 700 Mbps                              |
| Application Control Throughput (HTTP 64K) <sup>2</sup>      | 830 Mbps                  | 990 Mbps                         | 2.8 Gbps                              | 1.8 Gbps                                                    | 1.8 Gbps                              |
| Max FortiAPs (Total / Tunnel)                               | 16/8                      | 16 / 8                           | 16 / 8                                | 64 / 32                                                     | 64 / 32                               |
| Max FortiSwitches                                           | 8                         | 8                                | 8                                     | 24                                                          | 24                                    |
| Max FortiTokens                                             | 500                       | 500                              | 500                                   | 500                                                         | 500                                   |
| Virtual Domains ( Default/Max)                              | —                         | 10 / 10                          | 5 / 5                                 | 10 / 10                                                     | 10 / 10                               |
| Interfaces                                                  | 4x GE RJ45                | 5x GE RJ45                       | 5x GE RJ45                            | 10x GE RJ45                                                 | 10x GE RJ45                           |
| Local Storage                                               | —                         | —                                | 64 GB (51G)                           | 128 GB (61F)                                                | 128 GB (71F)                          |
| 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                      | WiFi, 3G4G                       | WiFi, DSL, SFP, POE, 5G               | WiFi, Storage                                               | —                                     |
|                                                             | FG/FWF-70G                | FG/FWF-80F                       | FG-90G                                | FG-100F                                                     | FG-120G                               |
| Firewall Throughput (1518/512/64 byte UDP)                  | 10 / 10 / 10 Gbps         | 10 / 10 / 7 Gbps                 | 28 / 28 / 27.9 Gbps                   | 20 / 18 / 10 Gbps                                           | 39 / 39 / 28 Gbps                     |
| IPsec VPN Throughput (512 byte) <sup>1</sup>                | 7.1 Gbps                  | 6.5 Gbps                         | 25 Gbps                               | 11.5 Gbps                                                   | 35 Gbps                               |
| IPS Throughput (Enterprise Mix) <sup>2</sup>                | 2.5 Gbps                  | 1.4 Gbps                         | 4.5 Gbps                              | 2.6 Gbps                                                    | 5.3 Gbps                              |
| NGFW Throughput (Enterprise Mix) <sup>2,4</sup>             | 1.5 Gbps                  | 1 Gbps                           | 2.5 Gbps                              | 1.6 Gbps                                                    | 3.1 Gbps                              |
| Threat Protection Throughput (Ent. Mix) <sup>2,5</sup>      | 1.3 Gbps                  | 900 Mbps                         | 2.2 Gbps                              | 1 Gbps                                                      | 2.8 Gbps                              |
| Firewall Latency                                            | 2.46 µs                   | 3.23 µs                          | 3.23µs                                | 4.97µs                                                      | 3.17 µs                               |
| Concurrent Sessions                                         | 1.4 Million               | 1.5 Million                      | 3 Million                             | 1.5 Million                                                 | 3 Million                             |
| New Sessions/Sec                                            | 100 000                   | 45 000                           | 124 000                               | 56 000                                                      | 140 000                               |
| Firewall Policies                                           | 5 000                     | 5 000                            | 5 000                                 | 10 000                                                      | 10 000                                |
| Max G/W to G/W IPSEC Tunnels                                | 200                       | 200                              | 200                                   | 2 000                                                       | 2 000                                 |
| Max Client to G/W IPSEC Tunnels                             | 500                       | 2,500                            | 2 500                                 | 16 000                                                      | 16 000                                |
| SSL VPN Throughput                                          | —                         | 950 Mbps                         | 1.4 Gbps <sup>11</sup>                | 1 Gbps                                                      | 1.5 Gbps                              |
| Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) | —                         | 200                              | 200 <sup>11</sup>                     | 500                                                         | 500                                   |
| SSL Inspection Throughput (IPS, avg. HTTPS) <sup>3</sup>    | 1.4 Gbps                  | 715 Mbps                         | 2.6 Gbps                              | 1 Gbps                                                      | 3 Gbps                                |
| Application Control Throughput (HTTP 64K) <sup>2</sup>      | 3.6 Gbps                  | 1.8 Gbps                         | 6.7 Gbps                              | 2.2 Gbps                                                    | 6.7 Gbps                              |
| Max FortiAPs (Total / Tunnel)                               | 96 / 48                   | 96 / 48                          | 128/64                                | 128 / 64                                                    | 128 / 64                              |
| Max FortiSwitches                                           | 24                        | 24                               | 24                                    | 32                                                          | 48                                    |
| Max FortiTokens                                             | 500                       | 500                              | 500                                   | 5 000                                                       | 5 000                                 |
| Virtual Domains ( Default/Max)                              | 10 / 10                   | 10 / 10                          | 10 / 10                               | 10 / 10                                                     | 10 / 10                               |
| Interfaces                                                  | 10x GE RJ45               | 8x GE RJ45, 2x Shared Port Pairs | 8x GE RJ45, 2x 10GE Shared Port Pairs | 2x 10 GE SFP+, 18x GE RJ45, 4x Shared Port Pairs, 8x GE SFP | 4x 10 GE SFP+, 18x GE RJ45, 8x GE SFP |
| Local Storage                                               | 64 GB (71G)               | 128 GB (81F)                     | 120 GB (91G)                          | 480 GB (101F)                                               | 480 GB (121G)                         |
| Power Supplies                                              | Single AC PS              | Single AC PS, dual inputs        | Single AC PS, dual inputs             | Dual AC PS                                                  | Dual AC PS                            |
| Form Factor                                                 | Desktop                   | Desktop                          | Desktop                               | 1 RU                                                        | 1 RU                                  |
| Variants                                                    | WiFi                      | WiFi, 3G4G, DSL, Bypass, Storage | —                                     | —                                                           | —                                     |

# FortiGate® Network Security Platform - \*Top Selling Models Matrix

|                                                             | FG-200F                               | FG-200G                                            | FG-400F                               | FG-600F                                             | FG-900G                                                               |
|-------------------------------------------------------------|---------------------------------------|----------------------------------------------------|---------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------|
| Firewall Throughput (1518/512/64 byte UDP)                  | 27 / 27 / 11 Gbps                     | 39 / 39 / 26.5 Gbps                                | 79.5 / 78.5 / 70 Gbps                 | 139 / 137.5 / 70 Gbps                               | 164 / 163 / 153 Gbps                                                  |
| IPsec VPN Throughput (512 byte) <sup>1</sup>                | 13 Gbps                               | 36 Gbps                                            | 55 Gbps                               | 55 Gbps                                             | 55 Gbps                                                               |
| IPS Throughput (Enterprise Mix) <sup>2</sup>                | 5 Gbps                                | 9 Gbps                                             | 12 Gbps                               | 14 Gbps                                             | 26 Gbps                                                               |
| NGFW Throughput (Enterprise Mix) <sup>2,4</sup>             | 3.5 Gbps                              | 7 Gbps                                             | 10 Gbps                               | 11.5 Gbps                                           | 22 Gbps                                                               |
| Threat Protection Throughput (Ent. Mix) <sup>2,5</sup>      | 3 Gbps                                | 6 Gbps                                             | 9 Gbps                                | 10.5 Gbps                                           | 20 Gbps                                                               |
| Firewall Latency                                            | 4.78 µs                               | 4.36 µs                                            | 4.19 µs / 2.5 µs <sup>7</sup>         | 4.12 µs / 2.5 µs <sup>7</sup>                       | 3.78 / 2.5 µs <sup>7</sup>                                            |
| Concurrent Sessions                                         | 3 Million                             | 11 Million                                         | 7.8 Million                           | 8 Million                                           | 16 Million                                                            |
| New Sessions/Sec                                            | 280 000                               | 400 000                                            | 500 000                               | 550 000                                             | 720 000                                                               |
| Firewall Policies                                           | 10 000                                | 10 000                                             | 10 000                                | 30 000                                              | 50 000                                                                |
| Max G/W to G/W IPSEC Tunnels                                | 2 000                                 | 2 000                                              | 2 000                                 | 2 000                                               | 2 000                                                                 |
| Max Client to G/W IPSEC Tunnels                             | 16 000                                | 16 000                                             | 50 000                                | 50 000                                              | 50 000                                                                |
| SSL VPN Throughput                                          | 2 Gbps                                | 3 Gbps <sup>8</sup>                                | 3.6 Gbps                              | 4.3 Gbps                                            | 10 Gbps                                                               |
| Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) | 500                                   | 500                                                | 5000                                  | 10 000                                              | 10 000                                                                |
| SSL Inspection Throughput (IPS, avg. HTTPS) <sup>3</sup>    | 4 Gbps                                | 7 Gbps                                             | 8 Gbps                                | 9 Gbps                                              | 16.7 Gbps                                                             |
| Application Control Throughput (HTTP 64K) <sup>2</sup>      | 13 Gbps                               | 27.8 Gbps                                          | 28 Gbps                               | 32 Gbps                                             | 74.8 Gbps                                                             |
| Max FortiAPs (Total, Tunnel)                                | 256 / 128                             | 256 / 128                                          | 512 / 256                             | 1 024 / 512                                         | 2 048 / 1 024                                                         |
| Max FortiSwitches                                           | 64                                    | 64                                                 | 96                                    | 128                                                 | 196                                                                   |
| Max FortiTokens                                             | 5 000                                 | 5 000                                              | 5 000                                 | 5 000                                               | 5 000                                                                 |
| Virtual Domains ( Default/Max)                              | 10 / 25                               | 10 / 25                                            | 10 / 25                               | 10 / 50                                             | 10 / 50                                                               |
| Interfaces                                                  | 4x 10 GE SFP+, 18x GE RJ45, 8x GE SFP | 8x 10 GE SFP+, 8x 5GE RJ45, 10x GE RJ45, 4x GE SFP | 8x 10GE SFP+, 8x GE SFP, 18 x GE RJ45 | 4x 25G SFP28, 4x 10GE SFP+, 8x GE SFP, 18 x GE RJ45 | 4x 25 GE SFP28, 4x 10 GE SFP+, 1x 2.5GE RJ45, 8 x GE SFP, 17x GE RJ45 |
| Local Storage                                               | 480 GB (201F)                         | 480 GB (201G)                                      | 960 GB (401F)                         | 480 GB (601F)                                       | 960 GB (901G)                                                         |
| Power Supplies                                              | Dual AC PS                            | Dual AC PS                                         | Dual AC PS                            | Dual AC PS                                          | Dual PS                                                               |
| Form Factor                                                 | 1 RU                                  | 1 RU                                               | 1 RU                                  | 1 RU                                                | 1 RU                                                                  |
| Variants                                                    | —                                     | —                                                  | DC                                    | —                                                   | DC                                                                    |

  

|                                                             | FG-1000F                                                                                | FG-1800F                                                                             | FG-2600F                                                                            | FG-3000F                                                              | FG-3200F                                                      |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------|
| Firewall Throughput (1518/512/64 byte UDP)                  | 198 / 196 / 134 Gbps                                                                    | 198 / 197 / 140 Gbps                                                                 | 198 / 196 / 140 Gbps                                                                | 397 / 389 / 221 Gbps                                                  | 387 / 385 / 178.5 Gbps                                        |
| IPsec VPN Throughput (512 byte) <sup>1</sup>                | 55 Gbps                                                                                 | 55 Gbps                                                                              | 55 Gbps                                                                             | 105 Gbps                                                              | 105 Gbps                                                      |
| IPS Throughput (Enterprise Mix) <sup>2</sup>                | 19 Gbps                                                                                 | 22 Gbps                                                                              | 31 Gbps                                                                             | 36 Gbps                                                               | 63 Gbps                                                       |
| NGFW Throughput (Enterprise Mix) <sup>2,4</sup>             | 15 Gbps                                                                                 | 17 Gbps                                                                              | 27 Gbps                                                                             | 34 Gbps                                                               | 47 Gbps                                                       |
| Threat Protection Throughput (Ent. Mix) <sup>2,5</sup>      | 13 Gbps                                                                                 | 15 Gbps                                                                              | 25 Gbps                                                                             | 33 Gbps                                                               | 45 Gbps                                                       |
| Firewall Latency                                            | 3.45 µs                                                                                 | 3.22 µs                                                                              | 3.41 µs                                                                             | 3.92 µs                                                               | 3.42 µs                                                       |
| Concurrent Sessions                                         | 7.5 Million                                                                             | 12 Million / 40 Million <sup>6</sup>                                                 | 24 Million / 40 Million <sup>6</sup>                                                | 70 Million / 230 Million <sup>6</sup>                                 | 70 Million                                                    |
| New Sessions/Sec                                            | 650 000                                                                                 | 750 000 / 2 Million <sup>6</sup>                                                     | 1 Million / 2 Million <sup>6</sup>                                                  | 870 000 / 3 Million <sup>6</sup>                                      | 800 000                                                       |
| Firewall Policies                                           | 100 000                                                                                 | 100 000                                                                              | 100 000                                                                             | 200 000                                                               | 200 000                                                       |
| Max G/W to G/W IPSEC Tunnels                                | 20 000                                                                                  | 20 000                                                                               | 20 000                                                                              | 40 000                                                                | 40 000                                                        |
| Max Client to G/W IPSEC Tunnels                             | 100 000                                                                                 | 100 000                                                                              | 100 000                                                                             | 200 000                                                               | 200 000                                                       |
| SSL VPN Throughput                                          | 5.3 Gbps                                                                                | 11 Gbps                                                                              | 16 Gbps                                                                             | 11 Gbps                                                               | 11 Gbps                                                       |
| Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) | 10 000                                                                                  | 10 000                                                                               | 30 000                                                                              | 30 000                                                                | 30 000                                                        |
| SSL Inspection Throughput (IPS, avg. HTTPS) <sup>3</sup>    | 10 Gbps                                                                                 | 12 Gbps                                                                              | 20 Gbps                                                                             | 29 Gbps                                                               | 29 Gbps                                                       |
| Application Control Throughput (HTTP 64K) <sup>2</sup>      | 44 Gbps                                                                                 | 34 Gbps                                                                              | 64 Gbps                                                                             | 115 Gbps                                                              | 109 Gbps                                                      |
| Max FortiAPs (Total, Tunnel)                                | 4 096 / 2 048                                                                           | 4 096 / 2 048                                                                        | 4 096 / 2 048                                                                       | 4 096 / 2 048                                                         | 4 096 / 2 048                                                 |
| Max FortiSwitches                                           | 196                                                                                     | 196                                                                                  | 196                                                                                 | 300                                                                   | 300                                                           |
| Max FortiTokens                                             | 20 000                                                                                  | 20 000                                                                               | 20 000                                                                              | 20 000                                                                | 20 000                                                        |
| Virtual Domains ( Default/Max)                              | 10 / 250                                                                                | 10 / 250                                                                             | 10 / 500                                                                            | 10 / 500                                                              | 10 / 500                                                      |
| Interfaces                                                  | 2x 100 GE QSFP28, 8x 25 GE SFP28, 16x10 GE SFP+, 8x 10GE RJ45, 1x 2.5GE RJ45, 1 GE RJ45 | 4x 100 GE QSFP28, 12x 25 GE SFP28, 2x10 GE SFP+, 8x GE SFP, 18x GE RJ45 <sup>9</sup> | 4x 100GE QSFP28/40GE QSFP+, 16x 25GE SFP28, 16x 10GE RJ45, 2x 10GE SFP+, 2x GE RJ45 | 6x 100GE QSFP28/40GE QSFP+, 16x 25GE SFP28, 18x 10GE RJ45, 2x GE RJ45 | 4x 400GE QSFP-DD, 12x 50GE SFP56, 4x 25GE SFP28, 2x 10GE RJ45 |
| Local Storage                                               | 960 GB (1001F)                                                                          | 2 TB (1801F)                                                                         | 2 TB (2601F)                                                                        | 2 TB (3001F)                                                          | 2 TB (3201F)                                                  |
| Power Supplies                                              | Dual PS                                                                                 | Dual PS                                                                              | Dual PS                                                                             | Dual PS                                                               | Dual PS                                                       |
| Form Factor                                                 | 2 RU                                                                                    | 2 RU                                                                                 | 2 RU                                                                                | 2 RU                                                                  | 2 RU                                                          |
| Variants                                                    | —                                                                                       | DC                                                                                   | DC                                                                                  | DC                                                                    | —                                                             |

\* Featured Top selling models, for complete FortiGate offerings please visit [www.fortinet.com](http://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-3500F                                               | FG-3700F                                                          | FG-4200F                                               | FG-4400F                                                | FG-4800F                                                 |
|-------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|
| Firewall Throughput (1518/512/64 byte UDP)                  | 595 / 590 / 420 Gbps                                   | 589 / 589 / 420 Gbps                                              | 800 / 788 / 400 Gbps                                   | 1.15 / 1.14 / 0.50 Tbps                                 | 3.1 / 3.1 / 0.93 Tbps                                    |
| IPsec VPN Throughput (512 byte) <sup>1</sup>                | 165 Gbps                                               | 160 Gbps                                                          | 210 Gbps                                               | 310 Gbps                                                | 800 Gbps                                                 |
| IPS Throughput (Enterprise Mix) <sup>2</sup>                | 72 Gbps                                                | 86 Gbps                                                           | 52 Gbps                                                | 94 Gbps                                                 | 87 Gbps                                                  |
| NGFW Throughput (Enterprise Mix) <sup>2,4</sup>             | 65 Gbps                                                | 80 Gbps                                                           | 47 Gbps                                                | 82 Gbps                                                 | 77 Gbps                                                  |
| Threat Protection Throughput (Ent. Mix) <sup>2,5</sup>      | 63 Gbps                                                | 75 Gbps                                                           | 45 Gbps                                                | 75 Gbps                                                 | 75 Gbps                                                  |
| Firewall Latency                                            | 2.98 µs                                                | 3.56 µs / 1.45 µs <sup>7</sup>                                    | 3.02 µs                                                | 2.98 µs                                                 | 3.6 µs                                                   |
| Concurrent Sessions                                         | 140 Million / 348 Million <sup>6</sup>                 | 140 Million                                                       | 210 Million / 450 Million <sup>6</sup>                 | 210 Million / 700 Million <sup>6</sup>                  | 280 Million / 1.8 Billion <sup>6</sup>                   |
| New Sessions/Sec                                            | 1 Million / 5 Million <sup>6</sup>                     | 930 000                                                           | 1 Million / 7 Million <sup>6</sup>                     | 1 Million / 10 Million <sup>6</sup>                     | 915,000 / 25 Million <sup>6</sup>                        |
| Firewall Policies                                           | 200 000                                                | 200 000                                                           | 400 000                                                | 400 000                                                 | 400 000                                                  |
| Max G/W to G/W IPSEC Tunnels                                | 40 000                                                 | 40 000                                                            | 40 000                                                 | 40 000                                                  | 40 000                                                   |
| Max Client to G/W IPSEC Tunnels                             | 200 000                                                | 200 000                                                           | 200 000                                                | 200 000                                                 | 200 000                                                  |
| SSL VPN Throughput                                          | 16 Gbps                                                | 16 Gbps                                                           | 16 Gbps                                                | 16 Gbps                                                 | 18 Gbps                                                  |
| Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) | 30 000                                                 | 30 000                                                            | 30 000                                                 | 30 000                                                  | 30 000                                                   |
| SSL Inspection Throughput (IPS, avg. HTTPS) <sup>3</sup>    | 63 Gbps                                                | 55 Gbps                                                           | 50 Gbps                                                | 86 Gbps                                                 | 63 Gbps                                                  |
| Application Control Throughput (HTTP 64K) <sup>2</sup>      | 135 Gbps                                               | 190 Gbps                                                          | 135 Gbps                                               | 140 Gbps                                                | 180 Gbps                                                 |
| Max FortiAPs (Total, Tunnel)                                | 4 096 / 2 048                                          | 4 096 / 2 048                                                     | 8 192 / 4 096                                          | 8 192 / 4 096                                           | 8 192 / 4 096                                            |
| Max FortiSwitches                                           | 300                                                    | 300                                                               | 300                                                    | 300                                                     | 300                                                      |
| Max FortiTokens                                             | 20,000                                                 | 20,000                                                            | 20,000                                                 | 20,000                                                  | 20,000                                                   |
| Virtual Domains ( Default/Max)                              | 10 / 500                                               | 10 / 500                                                          | 10 / 500                                               | 10 / 500                                                | 10 / 500                                                 |
| Interfaces                                                  | 6× 100GE QSFP28/40GE QSFP+, 32× 25GE SFP28, 2x GE RJ45 | 4× 400GE QSFP-DD, 4x ULL 25GE SFP28, 20x 50GE SFP56, 2x 10GE RJ45 | 8× 100GE QSFP28/40GE QSFP+, 18× 25GE SFP28, 2x GE RJ45 | 12× 100GE QSFP28/40GE QSFP+, 20× 25GE SFP28, 2x GE RJ45 | 8× 400GE, 12× 200GE QSFP56, 12× 50GE SFP56, 2× 10GE RJ45 |
| Local Storage                                               | 4 TB (3501F)                                           | 4 TB (3701F)                                                      | 4 TB (4201F)                                           | 4 TB (4401F)                                            | 4 TB (4801F)                                             |
| Power Supplies                                              | Dual PS                                                | Dual PS                                                           | Dual PS                                                | 4 PS                                                    | 4 PS                                                     |
| Form Factor                                                 | 2 RU                                                   | 2 RU                                                              | 3 RU                                                   | 4 RU                                                    | 4 RU                                                     |
| Variants                                                    | —                                                      | —                                                                 | DC                                                     | DC                                                      | DC                                                       |

  

|                                                             | FG-6001F                                                             | FG-6300F                                                             | FG-6500F                                                             | FG-7081F                 | FG-7121F                 |
|-------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------|--------------------------|
| Firewall Throughput (1518/512/64 byte UDP)                  | 120 - 239 / 120 - 238 / 40.5 - 135 Gbps                              | 239 / 238 / 135 Gbps                                                 | 239 / 238 / 135 Gbps                                                 | 1.89 / 1.88 / 1.129 Tbps | 1.89 / 1.88 / 1.129 Tbps |
| IPsec VPN Throughput (512 byte) <sup>1</sup>                | 40 - 160 Gbps                                                        | 96 Gbps                                                              | 160 Gbps                                                             | 378 Gbps                 | 630 Gbps                 |
| IPS Throughput (Enterprise Mix) <sup>2</sup>                | 51 - 170 Gbps                                                        | 110 Gbps                                                             | 170 Gbps                                                             | 405 Gbps                 | 675 Gbps                 |
| NGFW Throughput (Enterprise Mix) <sup>2,4</sup>             | 45 - 150 Gbps                                                        | 90 Gbps                                                              | 150 Gbps                                                             | 330 Gbps                 | 550 Gbps                 |
| Threat Protection Throughput (Ent. Mix) <sup>2,5</sup>      | 30 - 100 Gbps                                                        | 60 Gbps                                                              | 100 Gbps                                                             | 312 Gbps                 | 520 Gbps                 |
| Firewall Latency                                            | 4.8 µs                                                               | 4.8 µs                                                               | 4.8 µs                                                               | 7.5 µs                   | 7.5 µs                   |
| Concurrent Sessions                                         | 60 - 200 Million                                                     | 120 Million                                                          | 200 Million                                                          | 600 Million              | 1 Billion                |
| New Sessions/Sec                                            | 900 000 - 3 Million                                                  | 2 Million                                                            | 3 Million                                                            | 5.4 Million              | 9 Million                |
| Firewall Policies                                           | 200 000                                                              | 200 000                                                              | 200 000                                                              | 200 000                  | 200 000                  |
| Max G/W to G/W IPSEC Tunnels                                | 16 000                                                               | 16 000                                                               | 16 000                                                               | 40 000                   | 40 000                   |
| Max Client to G/W IPSEC Tunnels                             | 90 000                                                               | 90 000                                                               | 90 000                                                               | 260 000                  | 260 000                  |
| SSL VPN Throughput                                          | 9 Gbps                                                               | 9 Gbps                                                               | 9 Gbps                                                               | 13.7 Gbps                | 13.7 Gbps                |
| Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode) | 30 000                                                               | 30 000                                                               | 30 000                                                               | 30 000                   | 30 000                   |
| SSL Inspection Throughput (IPS, avg. HTTPS) <sup>3</sup>    | 33 - 110 Gbps                                                        | 66 Gbps                                                              | 110 Gbps                                                             | 324 Gbps                 | 540 Gbps                 |
| Application Control Throughput (HTTP 64K) <sup>2</sup>      | 66 - 220 Gbps                                                        | 150 Gbps                                                             | 220 Gbps                                                             | 900 Gbps                 | 1.5 Tbps                 |
| Max FortiAPs (Total, Tunnel)                                | —                                                                    | —                                                                    | —                                                                    | —                        | —                        |
| Max FortiSwitches                                           | 256                                                                  | 256                                                                  | 256                                                                  | 256                      | 300                      |
| Max FortiTokens                                             | 20 000                                                               | 20 000                                                               | 20 000                                                               | 20 000                   | 20 000                   |
| Virtual Domains ( Default/Max)                              | 10 / 500                                                             | 10 / 500                                                             | 10 / 500                                                             | 10 / 500                 | 10 / 500                 |
| Interfaces                                                  | 4× 100GE QSFP28/40GE QSFP+, 24× 25GE SFP28, 3× 10GE SFP+, 2x GE RJ45 | 4× 100GE QSFP28/40GE QSFP+, 24× 25GE SFP28, 3× 10GE SFP+, 2x GE RJ45 | 4× 100GE QSFP28/40GE QSFP+, 24× 25GE SFP28, 3× 10GE SFP+, 2x GE RJ45 | Varied                   | Varied                   |
| Local Storage                                               | 2 TB NVMe                                                            | 2 TB NVMe (6301F)                                                    | 2 TB NVMe (6501F)                                                    | 4× 4 TB SSD              | 4× 4 TB SSD              |
| Power Supplies                                              | 3 PS                                                                 | 3 PS                                                                 | 3 PS                                                                 | 6 PS                     | 8 PS                     |
| Form Factor                                                 | 3 RU                                                                 | 3 RU                                                                 | 3 RU                                                                 | 12 RU                    | 16 RU                    |
| Variants                                                    | —                                                                    | DC                                                                   | DC                                                                   | DC                       | DC                       |

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 Ap-
5. Application Control enabled, Enterprise Mix traffic.
6. Requires Hyperscale license
7. With Ultra-Low Latency ports
8. Uses RSA-2048 certificate
9. FortiOS 7.4+ is required for 100 GE support
10. SSL VPN not supported on FortiOS 7.6.0 and above, for models with 2GB RAM.
11. SSL VPN only supported between 7.0.12 and 7.0.15
12. Proxy features limited supported, refer to data sheet.



## FortiManager™ Centralized Management Platform

|                         | FMG-200G   | FMG-410G              | FMG-1000G                 | FMG-3000G                 | FMG-3100G                 | FMG-3700G                       | FMG-VM-BASE to FMG-VM-UL-UG |
|-------------------------|------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------------|-----------------------------|
| Devices/VDOMs (Maximum) | 30         | 150                   | 1,000                     | 4,000+                    | 4,000+                    | 10,000+                         | 10 to Unlimited             |
| Sustained Log Rates     | 50         | 50                    | 50                        | 150                       | 150                       | 150                             | Hardware dependent          |
| GB/Day                  | 2          | 2                     | 2                         | 10                        | 10                        | 10                              | 1-50                        |
| Total Interfaces        | 4x GE RJ45 | 4x GE RJ45, 2x GE SFP | 2x GE RJ45, 2x 25GE SFP28 | 2x GE RJ45, 2x 25GE SFP28 | 2x GE RJ45, 2x 25GE SFP28 | 2x 10GE RJ45, 2x 25GE SFP28     | 1 / 4 (vNIC Min / Max)      |
| Storage Capacity        | 2x 4 TB    | 8x 4 TB               | 8x 4 TB                   | 16x 4 TB                  | 16x 4 TB                  | 60x 4TB HDD + 6x 3.2TB NVMe SSD | 80 GB / 16 TB (Min / Max)   |

## FortiAnalyzer™ Centralized Logging and Reporting Solution

|                                     | FAZ-150G   | FAZ-300G   | FAZ-810G              | FAZ-1000G                 | FAZ-3100G                   | FAZ-3510G                        | FAZ-3700G                       | FAZ-VM-BASE to FAZ-VM-GB2000 |
|-------------------------------------|------------|------------|-----------------------|---------------------------|-----------------------------|----------------------------------|---------------------------------|------------------------------|
| GB Logs/Day                         | 25         | 100        | 200                   | 660                       | 3,000                       | 5,000                            | 8,300                           | 1 to +2,000                  |
| Analytic Sustained Rate (logs/sec)  | 500        | 2,000      | 4,000                 | 20,000                    | 42,000                      | 60,000                           | 100,000                         | —                            |
| Collector Sustained Rate (logs/sec) | 750        | 3,000      | 6,000                 | 30,000                    | 60,000                      | 90,000                           | 150,000                         | —                            |
| Total Interfaces                    | 2x GE RJ45 | 4x GE RJ45 | 4x GE RJ45, 2x GE SFP | 2x GE RJ45, 2x 25GE SFP28 | 2x GE RJ45, 2x 25GE SFP28   | 2x 10GE RJ45, 2x 25GE SFP28      | 2x 10GE RJ45, 2x 25GE SFP28     | 1 / 4 (vNIC Min / Max)       |
| Storage Capacity                    | 2x 2 TB    | 2x 4 TB    | 4x 4 TB               | 8x 4 TB                   | 16x 4TB HDD + 2x 1.92TB SSD | 24x 4TB HDD + 2x 3.84TB NVMe SSD | 60x 4TB HDD + 6x 3.2TB NVMe SSD | 500 GB to +100 TB            |

## FortiSIEM™ Unified Event Correlation and Risk Management Solution

|                             | FSM-500G "COLLECTOR"                                       | FSM-2000G "SUPERVISOR"  | FSM-2200G "SUPERVISOR"  | FSM-3500G "SUPERVISOR"  | FSM-3600G "SUPERVISOR"  |
|-----------------------------|------------------------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Performance Benchmark       | 8K EPS. 500 SNMP, 200 WMI for Performance/100 WMI for Logs | 20K EPS with Collectors | 20K EPS with Collectors | 40K EPS with Collectors | 50K EPS with Collectors |
| Recommended Max. UEBA users | N/A                                                        | 10 000                  | 10 000                  | 10 000                  | 10 000                  |

## FortiAuthenticator™ User Identity Management Server

|                                      | FAC-300F    | FAC-800F           | FAC-3000F          | FAC-VM BASE to FAC-VM-10000-UG |
|--------------------------------------|-------------|--------------------|--------------------|--------------------------------|
| Max Local + Remote Users/ User Group | 1,500 / 150 | 8,000 / 800        | 40,000 / 240,000   | 100 / 10 to +10,000 / 1,000    |
| Max NAS Devices                      | 500         | 2,666              | 80,000             | 33 to +33,333                  |
| Max FortiTokens                      | 3,000       | 16,000             | 480,000            | 200 to +20,000                 |
| Interfaces                           | 4x GE RJ45  | 4x GE RJ45, 2x SFP | 4x GE RJ45, 2x SFP | 1 - 4 vNICs                    |
| Storage Capacity                     | 2           | 2x 2 TB            | 2x 2 TB            | 60 GB to 16 TB                 |

## FortiAP™ Wireless Access Point

|            | FortiAP Series                   | FortiAP U-Series                                     |
|------------|----------------------------------|------------------------------------------------------|
| Management | FortiGate-Managed, Cloud-Managed | FortiGate-Managed, Cloud-Managed, Controller-Managed |
| Security   | Via FortiGate                    | 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   | 600 Series | 1000 Series    | 2048F    | 3032E       |
|--------------------------|--------------|-------------|-------------|--------------|------------|----------------|----------|-------------|
| Main Port Speed          | 1 Gbps       | 1 Gbps      | 1 Gbps      | 1 Gbps       | 2.5/5 Gbps | 10 Gbps        | 25 Gbps  | 40/100 Gbps |
| Main Port Count Options  | 8, 24, 48    | 24, 48      | 24, 48      | 24, 48       | 24, 48     | 24, 48         | 48       | 32          |
| Uplink Port Speed        | 1 or 10 Gbps | 1 Gbps      | 10 Gbps     | 10 Gbps      | 25 Gbps    | 40 or 100 Gbps | 100 Gbps | n/a         |
| Redundant Power Supplies | —            | Some Models | Some Models | Optional RSU | •          | •              | •        | •           |
| PoE Options              | •            | •           | •           | •            | •          | —              | —        | —           |

For Complete selection of FortiSwitches, please refer to <http://www.fortinet.com/products/fortiswitch>



## FortiNAC™ Network Access Control Solution

|                    | FNC-CA-500F                               | FNC-CA-600F                                     | FNC-CA-700C                                           | FNC-M-550F                                       |
|--------------------|-------------------------------------------|-------------------------------------------------|-------------------------------------------------------|--------------------------------------------------|
| Type               | Mid-range Control and Application Server  | High Performance Control and Application Server | Ultra High Performance Control and Application Server | Centralized Management Appliance                 |
| Target Environment | Small Environments                        | Medium Environments                             | Large Environments with few Persistent Agents         | Multi-site environments with multiple appliances |
| Capacity           | Manages up to 5,000 ports in the network* | Manages up to 15,00 ports in the network*       | Manages up to 25,000 ports in the network*            | manage up to 50 CA servers                       |

Ports in the network = total number of switch ports + maximum number of concurrent wireless connections. FortiNAC sizes the appliance capacity based on total port counts not total number of devices. Virtual appliances are also available, please refer to [www.fortinet.com](http://www.fortinet.com) for more information

## FortiSandbox™ Advanced Threat Prevention System

|                                                           | PAAS<br>FORTISANDBOX<br>CLOUD | FSA-VM      | FSA-500G        | FSA-1500G       | FSA-3000F       |
|-----------------------------------------------------------|-------------------------------|-------------|-----------------|-----------------|-----------------|
| Effective Sandboxing Throughput <sup>1</sup> (Files/Hour) | 20 - 4,000                    | 100 - 1,000 | 10,000          | 32,000          | 68,000          |
| Number of Users <sup>2</sup>                              | 8 - 1,600                     | 40 - 1,600  | 1,400           | 4,000           | 6,400           |
| Number of Local VMs                                       | —                             | up to 8     | 2 + 12 Optional | 2 + 26 Optional | 8 + 64 Optional |

1. Tested based on files with 80% documents and 20% executables. Includes both static and dynamic analysis with pre-filtering enabled; measured based on v4.2.22  
2. Based on a ratio of one user per 25 emails

## FortiClient™ Advanced Endpoint Security

|                                                       | Windows | MAC OS X | Linux        | Android | iOS          | Chromebook |
|-------------------------------------------------------|---------|----------|--------------|---------|--------------|------------|
| Zero Trust Security (ZTNA) Options                    | ✓       | ✓        | ✓            | —       | —            | Partial    |
| Next Generation Endpoint Security (EPP / APT) Options | ✓       | ✓        | ✓            | —       | —            | —          |
| Cloud Based Endpoint Security (SASE) Options          | ✓       | ✓        | ✓            | —       | —            | —          |
| Security Fabric Components                            | ✓       | ✓        | Partial      | Partial | Partial      | Partial    |
| VPN Client                                            | ✓       | ✓        | SSL VPN only | ✓       | SSL VPN only | —          |

## FortiMail™ Messaging Security Server

|                                      | FML-200F | FML-400F | FML-900F              | FML-2000F              | FML-3000F              | FML-3200E              |
|--------------------------------------|----------|----------|-----------------------|------------------------|------------------------|------------------------|
| Email Routing* (Msg/Hr)              | 50,000   | 250,000  | 800,000               | 1.6 Mil                | 3.5 Mil                | 3.4 Mil                |
| Performance Enterprise ATP* (Msg/Hr) | 30,000   | 150,000  | 400,000               | 800,000                | 2.1 Mil                | 2.0 Mil                |
| Email Domains                        | 20       | 100      | 800                   | 1,000                  | 2,000                  | 2,000                  |
| Server Mode Mailboxes                | 150      | 400      | 1,500                 | 2,000                  | 3,000                  | 3,000                  |
| Storage Capacity                     | 1× 1 TB  | 2× 1 TB  | 2× 2 TB<br>(8 TB Max) | 2× 2 TB<br>(12 TB Max) | 2× 2 TB<br>(20 TB Max) | 2× 2 TB<br>(20 TB Max) |

\* Measured based on 100KB message size, no queuing.  
Virtual appliances are also available, please refer to [www.fortinet.com](http://www.fortinet.com) for more information

## FortiWeb™ Web Application Firewall

|                   | FWB-100F   | FWB-400F              | FWB-600F                           | FWB-1000F                                  | FWB-2000F                                  | FWB-3000F                                         | FWB-4000F                                                              |
|-------------------|------------|-----------------------|------------------------------------|--------------------------------------------|--------------------------------------------|---------------------------------------------------|------------------------------------------------------------------------|
| Throughput (HTTP) | 100 Mbps   | 500 Mbps              | 1 Gbps                             | 2.5 Gbps                                   | 5 Gbps                                     | 10 Gbps                                           | 70 Gbps                                                                |
| Total Interfaces  | 4x GE RJ45 | 4x GE RJ45, 4x GE SFP | 2 (+2 bypass) x GE RJ45, 4x GE SFP | 2x 10GE SFP+, 4x GE RJ45 Bypass, 4x GE SFP | 4x 10GE SFP+, 4x GE RJ45 Bypass, 4x GE SFP | 10x 10GE SFP+ (incl. 2 Bypass), 8x GE RJ45 Bypass | 2x 40GE QSFP Bypass, 10x 10GE SFP+ (incl. 2 Bypass), 8x GE RJ45 Bypass |

Virtual appliances are also available, please refer to [www.fortinet.com](http://www.fortinet.com) for more information



# Virtual Appliance Support Matrix

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

\*Available as FortiGate-VMX solution for VMware NSX environment, AzureStack and RackSpace (PAYG)  
# on-demand

## List of Other Products

|                                                  |                                                   |                                                 |
|--------------------------------------------------|---------------------------------------------------|-------------------------------------------------|
| <b>FortiADC</b> Application Delivery Controller  | <b>FortiExtender</b> 3G/4G WAN Extender           | <b>FortiSASE</b> Cloud Secure Web Gateway       |
| <b>FortiCASB</b> Cloud Access Security Broker    | <b>FortiIsolator</b> Browser Isolation Platform   | <b>FortiSIEM</b> SIEM with UEBA Solution        |
| <b>FortiCarrier</b> CGN Gateway                  | <b>FortiMonitor</b> NPMD, DEM and IM Systems      | <b>FortiSOAR</b> SOAR Solution                  |
| <b>FortiCNP</b> Cloud-native Protection Solution | <b>FortiNDR</b> Virtual Security Analyst™         | <b>FortiTester</b> Network Tester               |
| <b>FortiDDoS</b> DDoS Mitigator                  | <b>FortiPAM</b> Privileged Access Management      | <b>FortiToken</b> 2 Factor Authentication Token |
| <b>FortiDeceptor</b> Deception-based Solution    | <b>FortiProxy</b> Secure Web Gateway              | <b>FortiVoice</b> Secure VoIP Solution          |
| <b>FortiDevSec</b> Application Security Testing  | <b>FortiRecorder</b> Network Video Security       | <b>FortiWLM</b> Wireless Manager                |
| <b>FortiEDR</b> EDR Solution                     | <b>FortiRecon</b> Digital Risk Protection Service | <b>FortiXDR</b> Extended Detection and Response |



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