SONICWALL®
Firewall Sizing Guide

See NOTES BELOW on Approximate users, Bandwidth, and Testing

Model	SOHO 250 Series	TZ300 Series	TZ350 Series	TZ400 Series	TZ500 Series	
Ports	5x1-GbE + 1 USB	5x1-GbE + 1 USB	5x1-GbE + 1 USB	7x1-GbE + 2 USB	8x1-GbE + 2 USB	
Customer	Home and Small Office	Retail and Small Office	Retail and Small Office Branch	Small Business, Retail and Branch	Branch Offices, Small to	
Threat Prevention (DPI)	200 Mbps	235 Mbps	335 Mbps	600 Mbps	700 Mbps	
DPI-SSL	50 Mbps	60 Mbps	65 Mbps	180 Mbps	225 Mbps	
Approximate Users	Up to 20	Up to 30	45 Plus	Up to 60	Up to 100	

Model	TZ270 Series	TZ370 Series	TZ470 Series	TZ570 Series	TZ670 Series	
Ports	8x1GbE, 2 USB 3.0, 1 Console, Storage Expansion Slot (Up to 256GB)	8x1GbE, 2 USB 3.0, 1 Console, Storage Expansion Slot (Up to 256GB)	8x1GbE, 2x2.5GbE, 2 USB 3.0, 1 Console, Storage Expansion Slot (Up to 256GB)	8x1GbE, 2x5GbE, 2 USB 3.0, 1 Console, Storage Expansion Slot (Up to 256GB)	8x1GbE, 2x10GbE, 2 USB 3.0, 1 Console, Storage Expansion Slot (Up to 256GB)	
Customer	Home offices and lean branches	Small organizations and lean branches	Small organizations and distributed enterprise with SD-Branch locations	Emerging Enterprise, Retail and SD-Branch Offices	Emerging Enterprise, Retail and SD-Branch Offices	
Threat Prevention (DPI)	750 Mbps	1 Gbps	1.5 Gbps	2 Gbps	2.5 Gbps	
DPI-SSL	300 Mbps	500 Mbps	600 Mbps	750 Mbps	800 Mbps	
Approximate Users	Up to 25	Up to 50	Up to 80	Up to 150	Up to 200	

Model	NSa 2650	NSa 2700	NSa 3650	NSa 3700	NSa 4650	NSa 4700	NSa 6650	NSa 6700	NSa 9250	NSa 9450
Ports	4x2.5 GbE (SFP) 4x2.5 GbE 12x1 GbE 1 GbE Management Dual USB ports	16x1GbE 3x10G SFP+ 1 GbE Management Dual USB ports	8x2.5 GbE (SFP) 4x2.5 GbE 12x1 GbE 1 GbE Management Dual USB ports	6x10 GbE (SFP+) 4x2.5 GbE (SFP) 24x1 GbE 1 GbE Management Dual USB ports	2x10 GbE (SFP+) 4x2.5 GbE (SFP) 4x2.5 GbE 16x1 GbE 1 GbE Management Dual USB ports	6x10/5/2.5/1 GbE (SFP+) 24x1 GbE(Cu) 1 GbE Management Dual USB ports	2x10 GbE 6x10 GbE (SFP+) 4x2.5 GbE (SFP) 8x2.5 GbE 8x1 GbE 1 GbE Management Dual USB ports	2x40 GbE (QSFP+) 8x25/10/5/2.5 GbE (SFP28) 4x10/5/2.5 GbE (SFP+) 4x10/5/2.5/1 GbE (Cu) 16x1 GbE 1 GbE Management Dual USB ports	2x10 GbE 10x10 GbE (SFP+) 8x2.5 GbE 8x1 GbE 1 GbE Management Dual USB ports	2x10 GbE 10x10 GbE (SFP+) 8x2.5 GbE 8x1 GbE 1 GbE Management Dual USB ports
Customer	Mid-size Organizations Branch Offices	Mid-size Organizations Distributed Enterprise	Mid-size Organizations Distributed Enterprise	Growing Mid-size Organizations Distributed Enterprise	Growing Mid-size Organizations Distributed Enterprise	Growing Mid-size Organizations Distributed Enterprise	Distributed Enterprise Corporate Datacenters	Distributed Enterprise Corporate Datacenters	Large Enterprise Corporate Datacenters	Large Enterprise Corporate Datacenters
Threat Prevention (DPI)	1.5 Gbps	3.0 Gbps	1.75 Gbps	3.5 Gbps	2.5 Gbps	9.5 Gbps	5.5 Gbps	19 Gbps	6.5 Gbps	9.0 Gbps
DPI-SSL	300 Mbps	800 Mbps	320 Mbps	850 Mbps	675 Mbps	5 Gbps	1.45 Gbps	9 Gbps	1.5 Gbps	2.1 Gbps
Approximate Users	100 plus	250 plus	250 Plus	400 plus	400 plus	600 plus	800 plus	1200 plus	1500 plus	2500 plus

Model	SuperMassive 9800	NSsp 12400	NSsp 12800	NSsp 13700	NSsp 15700
Ports	4x10 GbE(SFP+) 8x1 GbE(SFP) 8x1 GbE 1 GbE Management Dual USB ports	4x40-GbE (QSFP+) 16x10-GbE (SFP+) 2 x 480 GB Storage Modules 1 Expansion Slot 1 GbE Management Dual USB ports	4x40-GbE (QSFP+) 16x10-GbE (SFP+) 2 x 480 GB Storage Modules 1 Expansion Slot 1 GbE Management Dual USB ports	2x100/40-GbE (QSFP28) 8x25/10/5/2.5 GbE (SFP28) 4x10/5/2.5 GbE (SFP+) 4x10/5/2.5/1 GbE Cu 16x1-GbE 512 GB Built-in Storage 1 GbE Management Dual USB ports	6x100-GbE (QSFP28) 4x40-GbE (QSFP+) 16x10-GbE (SFP+) 2 x 480 GB Storage Modules Multi-instance firewall 1 GbE Management
Customer	Large Enterprise Service Providers Universities	Large Enterprise Service Providers Universities	Large Enterprise Service Providers Universities	Large Enterprise Service Providers Universities	Large Enterprise Service Providers Universities
Threat Prevention (DPI)	10.5 Gbps	33.5 Gbps	67.5 Gbps	45.5 Gbps	82 Gbps
DPI-SSL	3.5 Gbps	8.1 Gbps	17.6 Gbps	16.5 Gbps	21 Gbps
Approximate Users	3500 plus	> 8,000 Users	> 8,000 Users	8,000+ Users	10,000+ Users

ALL FIREWALLS ARE RATED AS UNLIMITED USERS.

Approximate concurrent user counts based on DPI throughput. DPI includes Gateway AV, Intrusion Prevention, Spyware, Application Control, Content Filter, GEO IP, Botnet Filter

Throughput will vary based on bandwidth, applications, activated services, and network topology.

Approximate DPI throughput is based on lab tested environment with DPI - DEEP PACKET INSPECTION - enabled

Approximate DPI SSL throughput is based on lab tested environment with DPI SSL - DEEP PACKET INSPECTION of SSL traffic - enabled

Please note that when DPI SSL is enabled the throughput will decrease due to the firewall scanning HTTPS (encrypted traffic) for malicious code.

Testing Methodologies: Maximum performance based on RFC 2544 (for firewall). Actual performance may vary depending on network conditions and activated services.

Threat Prevention/GatewayAV/Anti-Spyware/IPS throughput measured using industry standard Spirent WebAvalanche HTTP performance test and Ixia test tools.

The approximate users are concurrent users. Approximately how many users would be going thru the firewall at once or peak usage? Firewalls will continue to operate above the rated user count and depending on bandwidth and applications being used can impact internet access.