



Stonesoft

Firewall Appliance Comparison Datasheet

Stonesoft Firewall Appliances for Demanding Environments

To keep up with today's sophisticated threats and complex network traffic, a first generation firewall will not do. Stonesoft Firewall/VPN appliances are Next Generation Firewalls. Stonesoft is the only vendor to uniquely integrate Firewall and IPS technologies with our patented high availability solutions and sophisticated next generation management. As a result we're delivering unmatched levels of security, availability, scalability and manageability for today's enterprises. In addition, our solutions deliver the lowest TCO on the market today – as much as a 30-70% saving compared to other products.

From the largest data centers and enterprise networks to your remote offices, we offer solutions to fit your specific needs.

Appliance Specifications	FW-105	-L	FW-315	-P	FW-1035	FW-1065	FW-1301	-P	FW-1302	-P	FW-3202	-P	FW-3206	-P	FW-5206
Maximum throughput (no inspection)	100 Mbps	100 Mbps	500 Mbps	1 Gbps	3 Gbps	10 Gbps	5 Gbps	20 Gbps	10 Gbps	20 Gbps	20 Gbps	50 Gbps	50 Gbps	60 Gbps	120 Gbps
VPN throughput (AES-128-GCM)	25 Mbps	25 Mbps	100 Mbps	140 Mbps	500 Mbps	1.5 Gbps	1 Gbps	2 Gbps	2 Gbps	10 Gbps	5 Gbps	10 Gbps	10 Gbps	18 Gbps	18 Gbps
VPN tunnels	10	500			20 000	30 000	20 000		40 000		40 000		300 000		300 000
VPN Clients	-	-	max 25	max 100	max 100	unlimited	max 200	unlimited	unlimited		unlimited		unlimited		unlimited
Concurrent connections	4000	200 000	300 000	500 000	6 mil	8 mil	10 mil		14 mil		30 mil		30 mil		30 mil
New TCP connections/sec	200	10 000			40 000	100 000	120 000		200 000		300 000		300 000		300 000
64 byte packets per second		200 000	250 000	250 000	1.2 mil	3.3 mil	7 mil		14 mil		24 mil		40 mil		40 mil
VLAN tagging	8	16	32	64	256	unlimited	unlimited		unlimited		unlimited		unlimited		unlimited
Maximum throughput (with inspection)	-	250 Mbps			1 Gbps	3 Gbps	5 Gbps	8 Gbps	10 Gbps		13 Gbps		30 Gbps		30 Gbps
HTTP inspection (21 kB payload)	-	100 Mbps			400 Mbps	1.2 Gbps	2.5 Gbps		4 Gbps		4.5 Gbps		10 Gbps		10 Gbps
Inspected concurrent connections	-	100 000	150 000	200 000	150 000	1 mil	1 mil		1 mil		4 mil		12 mil		12 mil
SSL inspection client side	-	15 Mbps			150 Mbps	500 Mbps	500 Mbps		1 Gbps		1.8 Gbps		3.3 Gbps		3.3 Gbps
SSL inspection server side	-	-			150 Mbps	500 Mbps	500 Mbps		1 Gbps		1.8 Gbps		3.3 Gbps		3.3 Gbps
Management count	0.2	0.5	1	1	1	1	1		1		1		1		1
Anti-Spam	-	option			option	option	option		option		option		option		option
Anti-Virus	-	option			option	option	option		option		option		option		option
Web filtering	-	option			option	option	option		option		option		option		option
Full inspection	-	option			option	option	option		option		option		option		option
Basic inspection	-	yes			yes	yes	yes		yes		yes		yes		yes
Application control	-	yes			yes	yes	yes		yes		yes		yes		yes
Multi-Link	yes	yes			yes	yes	yes		yes		yes		yes		yes
Server load balancing	-	-	yes		yes	yes	yes		yes		yes		yes		yes
Clustering	-	HA only	yes		yes	yes	yes		yes		yes		yes		yes
Fixed Ethernet interfaces	3 x 10/100	4 x 10/100/1000			4 x 10/100/1000	4 x 10/100/1000	6 x 10/100/1000		2 x 10/100/1000		2 x 10/100/1000		2 x 10/100/1000		2 x 10/100/1000
10/100/1000Base-T Ports	-	4			4 to 12	4 to 12	6 to 14		2 to 10		2 to 26		2 to 26		2 to 50
10 Gigabit Ports	-	-			0 to 2	0 to 2	0 to 2		0 to 2		0 to 6		0 to 6		0 to 12
Other interfaces	ADSL and WLAN option, 3G support	ADSL option, WLAN option, 3G modem support			3G modem support	3G modem support	3G modem support		3G modem support		3G modem support		3G modem support		3G modem support
Module slots	-	-			1	1	1		1		3		3		6
Form factor	desktop	desktop			1U rack	1U rack	1U rack		1U rack		2U rack		2U rack		3U rack
Dimensions (W x H x D)	164 x 44 x 157 mm 6.5 x 1.7 x 6.2"	272 x 49 x 195 mm 10.71 x 1.93 x 7.68"			426 x 44 x 300 mm 16.77 x 1.73 x 11.81"	426 x 44 x 300 mm 16.77 x 1.73 x 11.81"	426 x 44 x 400 mm 16.77 x 1.73 x 15.7"		426 x 44 x 400 mm 16.77 x 1.73 x 15.7"		437 x 89 x 450 mm 17.2 x 3.5 x 17.7"		437 x 89 x 450 mm 17.2 x 3.5 x 17.7"		437 x 132 x 648 mm 17.2 x 5.2 x 25.5"
Redundant power supply	-	-			-	-	-		-		yes		yes		yes
DC power supply	-	-			option	option	option		option		option		option		option

Next Generation Security



- Integrated Firewall/IPS functionality
- Full inspection feature set*
- Application awareness
- SSL/TLS inspection of encrypted Web traffic for both client and server side protection
- Integrated Anti-Virus* and Anti-Spam*
 - Content inspection – integrated Web filtering* or redirection of network traffic to external Anti-Virus gateways, Web filtering systems or Anti-Spam filters
- Granular access control based on user or user group, traffic type, target or source IP address, interface or domain name, time of the day or day of the week
 - Integrated with Active Directory and other sources to improve blocking decisions
 - Seamlessly integrates with Stonesoft IPS for layered protection
- IPv6 support

Next Generation Availability & Scalability

- Built-in patented High Availability technologies:
 - Stonesoft Multi-Link™ technology enables multiple redundant internet links
 - Load balancing of unlimited ISP circuits
 - Seamless VPN loadbalancing and failover across multiple circuits
 - Active/active clustering up to 16 devices
 - Dynamic server load balancing monitors production servers and redistributes traffic to available systems
- Remote connectivity with integrated VPN client
- Automatic backup connection with 3G
- Bandwidth management and Quality of Service (QoS) support
- No special network configurations required

Next Generation Management

- Single console – complete visibility and proactive control of physical and virtual networks
- Third-party event management – monitoring, logging and reporting of switches, routers and security appliances from other vendors
- One-step management – automatic blacklisting, automatic policy/rule execution, create once, deploy everywhere policy/rule execution
- Accelerated incident management – correlated view of all network activity, powerful data mining engine and sophisticated incident case management tools
- Central repository – shared rules for Firewall and IPS, repository backup for disaster recovery, customizable role-based access, domains for managing different environment with one management server
- Real-time monitoring and alerting – customizable dashboards and alerting, geographic pinpointing of IP addresses, Web portal for monitoring security from any device
- Interactive reporting and compliance – customizable reports, automated report generation and distribution, system auditing and audit trails, comparative analysis of security policies
- Rule-base optimization – enhance rule base, eliminate unused/redundant rules, create rules directly from logs

* Optional feature