

StoneGate™ FW-1301

June 2011

StoneGate™



StoneGate™ High Availability Firewall/VPN Appliance Datasheet

The StoneGate™ FW-1301 FW/VPN appliance is a modular firewall/UTM solution designed to meet the performance and scalability requirements of small data centers and medium size network central sites.

In these demanding environments StoneGate FW-1301 FW/VPN provides not only reliable data security but also high availability features, which guarantee continuous information flow. Built-in firewall clustering, server load balancing and the possibility to utilize reserve capacity on overloaded Internet connections guarantee continuous network connectivity.

StoneGate FW-1301 provides comprehensive protection with Unified Threat Management features such as Web filtering, intrusion prevention for e-mail, HTTP, and VoIP, and anti-virus scanning for e-mail and HTTP protocols.

StoneGate FW-1301 and all other StoneGate appliances offer comprehensive network security with easy configuration and unified management. This ensures an optimized solution for any geographically dispersed enterprise deployment.

StoneGate™ FW-1301 Specifications



Specifications

General	Application level inspection, stateful inspection, packet filtering, circuit level firewall with TCP proxy protocol agent. Integrated operating system.
Firewall protocol agents	FTP, H.323, HTTP, HTTPS, IMAP4, MS RPC, NetBios Datagram, Oracle SQL Net, POP3, RSH, SIP, SMTP, SSH, SunRPC, TCP Proxy, TFTP
VPN protocols	IKEv1, IKEv2, IPsec, with IPv4, IPv6
Encryption	AES-128, AES-256, AES-GCM, Blowfish, DES, 3DES*
Message digest algorithms	AES-XCBC-MAC, MD5, SHA-1, SHA-256
Diffie-Hellman	DH group 1, 2, 5, 14, 19, 20, 21
Authentication	RSA, DSS, ECDSA signatures with X.509 certificates, pre-shared keys, hybrid XAUTH
Compression	IPCOMP Deflate
User authentication	Internal user database, LDAP, MS Active Directory, RADIUS, TACACS+

Features

High availability	Active/active firewall clustering up to 16 nodes, Active/standby, Stateful failover (including VPN connections), Server loadbalancing, VRRP, Link aggregation (802.3ad)
ISP multihoming	Multi-Link: High availability and load balancing between multiple ISPs including VPN connections, Multi-Link VPN link aggregation, QoS based link selection
IP address assignment	FW clusters: Static, IPv4, IPv6 FW single nodes: static, DHCP, PPPoE, IPv4, static IPv6 Services: DHCP Server and DHCP relay for IPv4
Traffic management, QoS	Guaranteed & Maximum bandwidth, Prioritization, Differentiated Services Code Point (DSCP) matching / marking SYN flood limiting, concurrent session limiting
Access control	Advanced access control with interface zones, domain names, user information and applications
SIP	Allows RTP media streams dynamically, NAT traversal, deep inspection, interoperability with RFC3261 compliant SIP devices
SSL inspection	Decrypts the SSL and inspects the HTTP stream protecting web clients and/or servers
Dynamic routing	IGMP proxy, RIPv2, OSPFv2, PIM-SM

UTM features

Standard	Deep inspection and IPS fingerprinting for HTTP, IMAP4, POP3, SIP and SMTP
Optional with additional license	Anti-virus engine for web and email protocols Anti-spam for SMTP email Category based Web filtering

Management and Monitoring

Centralized StoneGate Management Center	Enterprise level centralized management, logging and reporting system. See more details from StoneGate Management Center datasheet.
SNMP monitoring	SNMPv1, SNMPv2c and SNMPv3

Certificates

VPNC IPsec	Yes
ICSA Firewall	Yes (FW-310)

Licensed Performance

	FW-1301	FW-1301P
Firewall throughput	5 Gbps	7,5 Gbps
VPN throughput	1 Gbps	2 Gbps
VPN tunnels	20 000	20 000
Concurrent connections	10 million	10 million
Connections/sec	80 000	80 000
64 byte PPS	1 700 000	1 700 000

Number of protected IPs	Unlimited	Unlimited
Deep inspection	yes	yes
VLANs	Unlimited	Unlimited
SSL inspection client/server side	yes	yes
VPN Client	200	Unlimited

Hardware

Network interfaces

FW-1301 / 1301P	6 x 10/100/1000 copper + 1 extension module slot
Connectors	RS-232 serial console, 2 x USB

Measurements

Form Factor	1U 19" rack unit
Dimensions (W x H x D)	426 x 44 x 400 mm / 16.77" x 1.73" x 15.7"
Net weight	6.25 kg / 13.8 lbs

Safety/EMC Certifications

	CE, FCC, CB, Gost-R, RoHS
--	---------------------------

Power

Power supply	AC input: 100-240 VAC, 50-60 Hz, 250W DC input: -72 - -36V, 200W
Typical power consumption	85 - 150 W

Other

Operating temperature/humidity	5—35°C (41—95°F) 10%—95%, non condensing humidity (RH)
Storage temperature/humidity	-20—70°C (-4—158°F) 10%—95%, non condensing humidity (RH)
MTBF	150 000 hours

Support

Replacement service	15 months or 39 months replacement service for non-complying hardware
Premium support	24/7-call logging via web, email and phone, two-hour response time, software updates, hardware replacement service
Basic support	8/5-call logging via web, email and phone, next business day response time, software updates, hardware replacement service

Product codes**

APP-FW-1301-C1	FW-1301 StoneGate Firewall/VPN Appliance
APP-FW-1301-C1-P	FW-1301P StoneGate Firewall/VPN Appliance
APP-FW-1301-C2	FW-1301 StoneGate Firewall/VPN Appliance, DC power supply
APP-FW-1301-C2-P	FW-1301P StoneGate Firewall/VPN Appliance, DC power supply

Add-on product codes

FP-1Y-FW-AV5	Optional one year anti-virus subscription for FW-1301 and FW-1301P
FP-1Y-WF2-173	Optional one year web filtering subscription for FW-1301P
FP-1Y-WF2-174	Optional one year web filtering subscription for FW-1301
FP-MVPN-1300-U	Unlimited concurrent Mobile VPN users for FW-1301
FP-1Y-AS-2	Optional one year anti-spam subscription for FW-1301 and FW-1301P

Express modules

MOD-EM1-GE-6	Six port Gigabit Ethernet
MOD-EM1-GE-SFP-4	Quad port Gigabit Ethernet SFP
MOD-EM1-10G-SFP-2	Dual port 10 Gigabit Ethernet SFP+