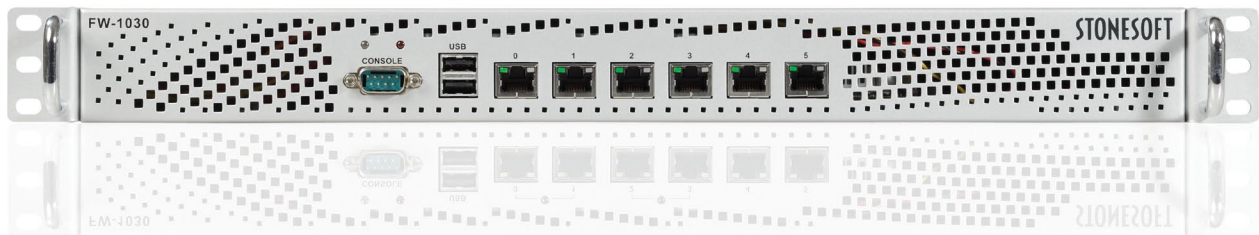


StoneGate™ FW-1030

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StoneGate™



StoneGate™ High Availability Firewall/VPN Appliance Datasheet

The StoneGate™ FW-1030 FW/VPN appliance is a firewall solution designed for environments ranging from tens to hundreds of users.

Typically, FW-1030 is used at small enterprises or remote offices. In addition to perimeter protection, FW-1030 can be used to segment internal networks – for example to prevent computer worms from spreading and contaminating the internal network.

For perimeter protection and internal networks, StoneGate™ FW-1030 provides not only reliable data security but also high availability features, which guarantee continuous information flow. FW-1030 introduces a new generation of previously unseen features such as traffic inspection and SSL decryption, which enable decryption and inspection of the traffic going through the firewall. The StoneGate™ FW-1030 includes the company's patented Multi-Link® technology which ensures seamless network failover in the event of Internet outages, along with firewall clustering and server load balancing. These technologies can eliminate the need for expensive private connections, like MPLS, and load balancers. Solid-state disk technology now replaces hard disks, providing a more reliable and durable storage system.

Combined with any StoneGate™ Intrusion Prevention System, FW-1030 forms a multi-dimensional defense system, where several security layers communicate seamlessly together. This field-proven technology expands comprehensive protection to the whole network and raises network protection to a previously unseen level.

StoneGate™ FW-1030 and all other StoneGate™ appliances offer comprehensive network security with easy configuration and unified management. This ensures increased security and performance and lower cost of administration for any geographically dispersed enterprise deployment.

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Secure Information Flow

StoneGate™ FW-1030 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, IPsec
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 and 14
Authentication	RSA and DSS 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
ISP multihoming	Multi-Link: High availability and load balancing between multiple ISPs including VPN connections
IP address assignment	FW clusters: Static, FW single nodes: static, DHCP, PPPoE, IPv4, IPv6
	Services: DHCP Server and DHCP relay
Traffic management, QoS	Guaranteed & Maximum bandwidth, Priorization, Differentiated Services Code Point (DSCP) matching / marking
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 multicast routing	IGMP proxy

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 e-mail traffic, 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
Common Criteria	Common Criteria EAL4+ (Firewall + VPN + HA)

Licensed Performance	FW-1030	FW-1030P
Firewall throughput	1 Gbps	1.6 Gbps
VPN throughput	140 Mbps	220 Mbps
VPN tunnels	1 000	1 000
Concurrent connections	700 000	900 000
Connections/sec	15 000	15 000
Number of Protected IPs	Unlimited	Unlimited
Concurrent mVPN Clients	25	100
VLANs	150	250
Deep inspection throughput	250 Mbps	250 Mbps
SSL Inspection for client/server	40 Mbps/-	40 Mbps/40 Mbps

Hardware

Network interfaces

Ethernet	6 x 10/100/1000 copper
Connectors	RS-232 serial console, 2 x USB

Measurements

Form factor	1U 19" rack unit
Dimensions (W x H x D)	425 x 44 x 362 mm / 16.73 x 1.73 x 14.25 inches
Net weight	5.5 kg / 12.13 lbs
Gross weight	8.5 kg / 18.74 lbs

Safety/EMC Certifications

	CE, FCC Class B, LVD, CB, Gost-R, RoHS
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Power

Power supply	180 W, AC Input 100-240 VAC, 50-60 Hz
Typical power consumption	65 W

Other

Operating temperature/humidity	5—35°C (41—95°F) 5%—95%, non condensing humidity (RH)
Storage temperature/humidity	-20—70°C (-4—158°F) 5%—95%, non condensing humidity (RH)
MTBF	120 000 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-1030-C2	StoneGate FW-1030 appliance
APP-FW-1030-C2-P	StoneGate FW-1030P appliance

Add-on product codes

FP-1Y-FW-AV1	Optional one year anti-virus subscription for FW-1030 and FW-1030P
FP-1Y-WF2-142	Optional one year web filtering subscription for FW-1030
FP-1Y-WF2-141	Optional one year web filtering subscription for FW-1030P