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StoneGate™ High Availability Firewall/VPN Appliance Datasheet

StoneGate™ FW-1020e

The StoneGate® FW-1020e FW/VPN appliance is a firewall solution designed for environments ranging from tens to few hundreds of users. With 500 Mbit/s capacity StoneGate FW-1020e can be implemented at low capacity offices. With six interfaces StoneGate FW-1020e offers the possibility for small-scale network segmentation.

For these demanding environments StoneGate FW-1020e 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 ISP capacity on overloaded Internet connections guarantee continuous network connectivity.

Combined with any StoneGate Intrusion Prevention System, FW-1020e 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-1020e and all other StoneGate appliances offer comprehensive network security with easy configuration and unified management. This ensures future proof solution for any geographically dispersed enterprise deployment.

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StoneGate® FW-1020e Specifications

StoneGate® Firewall and VPN Specifications

Application level inspection, stateful inspection, packet filtering, integrated operating system, circuit level firewall with TCP proxy protocol agent

Firewall Protocol Agents

SIP, FTP, HTTP, H.323, SMTP, IMAP4, POP3, SSH, Oracle SQL Net, RSH, NetBios Datagram, SunRPC, MS RPC, TFTP, TCP Proxy

VPN Protocols

IPsec, AES 128, AES 256, DES, 3DES, Blowfish, CAST-128, Twofish, IKE, MD5, SHA-1, PKI (x.509)

User Authentication

RADIUS, TACACS+, LDAP, Internal LDAP user database

Management

Remote, centralized enterprise management with StoneGate Management Center, Java-based GUI, encrypted and authenticated connections

Automatic Upgrades & Updates

Software upgrades and dynamic updates

Extensive Logging Methods

Direct file archive, advanced filters, traffic recording

Multiple Alert Methods

E-Mail, SMS (text message), SNMP trap, user-defined scripts

Efficient Administration

Multiple administration accounts, simultaneous administration, role-based administrator access control

Certifications

Common Criteria EAL4+ (Firewall + VPN + HA v.2.0.5), FIPS 140-2, ICSA Firewall and VPNC IPsec

Network interfaces

6 x 10/100/1000 copper

Performance

Licensed Firewall Performance

500 Mbit/s

Licensed VPN Performance

200 Mbit/s

VPN Tunnels

1 000

Concurrent Connections

500 000

Connections/sec.

5 000

Features

High Availability

Active/active firewall clustering with up to 16 nodes, stateful failover (including VPN connections), server load balancing

ISP Multihoming

High availability and load balancing between multiple ISPs (including VPN connections)

Number of Protected IPs

Unlimited users

Connectors

2 x USB ports, serial port, VGA port

Measurements

Dimensions (W x H x D)

1U-19" rack unit, 427 x 43 x 356 mm/16.8" x 1.7" x 14"

Weight

6,2 kg/13,7 lbs

Safety/EMC Certification

FCC, CE, CB

Other

Power Supply

260W, 4A

Support

Replacement Service

15 months or 39 months replacement service for non-complying hardware

Premium Support

24/7-call logging via Web and phone, two-hour response time, software updates, hardware replacement service

Basic Support

8/5-call logging via Web and phone, next business day response time, software updates, hardware replacement service