

Stonesoft 1065

Next Generation Firewall

Firewall /VPN

IPS / IDS

Layer 2 Firewall

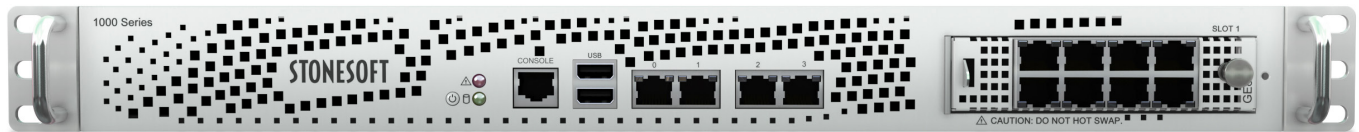
Stonesoft 1065 Appliance Datasheet

The Stonesoft 1065 appliance is a versatile and modular security engine solution designed to meet the performance requirements of branch offices, mid-sized organizations and small data centers. It can be used in the Firewall/VPN role (layer 3) for secure routing, NAT, and IPsec VPN gateway purposes. It can be used in the IPS role (layer 2) in an IDS deployment or an Inline IPS deployment, or in the Layer 2 Firewall role. All of these roles are available with a single unified software image and adapt just by changing the configuration.

In the Firewall/VPN role, built-in firewall clustering, server load balancing and the possibility to utilize reserve ISP capacity on overloaded internet connections guarantees continuous network connectivity.

In the IPS and Layer 2 Firewall roles, the security appliance becomes transparent to the surrounding network devices. The inline IPS and Layer 2 firewall combine flexible deployment, evasion-aware network security, and application control into one dedicated appliance role.

Stonesoft 1065 Specifications



SOFTWARE FEATURE SPECIFICATIONS

See Next Generation Firewall datasheet at www.stonesoft.com

See L3 FW/VPN datasheet at www.stonesoft.com

See L2 IPS/IDS datasheet at www.stonesoft.com

MAXIMUM PERFORMANCE	L3 FW/VPN	L2 FW / IPS / IDS
Throughput (UDP 1514 byte packets, no inspection)	20 Gbps	20 Gbps
Throughput (UDP 1514 byte packets, with inspection)	3 Gbps	3 Gbps
64 byte packets per second (no inspection)	3.3 million	3.3 million
HTTP inspection (21 kB payload)	1.2 Gbps	1.2 Gbps
SSL/TLS inspection throughput (AES-256)	500 Mbps	500 Mbps
New TCP connections/sec (no inspection)	100 000	100 000
New inspected HTTP connections (21 kB payload)	6 500	6 500
Concurrent connections	8 million	-
Inspected concurrent connections	1 million	1 million
VLANs	Unlimited	Unlimited
VPN throughput (AES-128-GCM)	3 Gbps	
VPN tunnels	30 000	
Concurrent mVPN Clients	Unlimited	
Virtual Engines (default/max)	0/5	

LICENSED PERFORMANCE	FW-1065-C1/-C2 APPLIANCE
Throughput (UDP 1514 byte packets, no inspection)	10 Gbps
VPN throughput (AES-128-GCM)	1.5 Gbps
Virtual Engines	n/a

NETWORK INTERFACES

Fixed	4 x 10/100/1000 Mbps copper
Module slots	1 (Available modules listed at the product codes section)

CONNECTORS

2 x USB, 1 x serial

MEASUREMENTS

Form factor	1U 19" rack unit
Dimensions (W x H x D)	426 x 44 x 300 mm / 16.77 x 1.73 x 11.81 inches
Net weight	4.2 kg / 9.25 lbs
Gross weight	7.8 kg / 17.2 lbs (without module)

SAFETY/EMC CERTIFICATIONS

CE, FCC, CB, Gost-R, RoHS

POWER

Power supply	AC input: 100-240 VAC 50-60 Hz, 180W DC input: -72 - -36V, 200W dual feed
Typical power consumption	65 W

OTHER

Operating temperature/humidity	+0—+40°C (+32—+104°F) 10%—90%, non condensing humidity (RH)
Storage temperature/humidity	-20—+75°C (-4—+167°F) 10%—90%, non condensing humidity (RH)
MTBF	120 000 hours
Rack mounting	Mounting accessories for front mounting included by default.

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-1065-C1	Stonesoft Firewall/VPN 1065 appliance, AC power supply
APP-FW-1065-C2	Stonesoft Firewall/VPN 1065 appliance, DC power supply
APP-IPS-1065-C1	Stonesoft IPS appliance, AC power supply
APP-NGN-1065-C1	Stonesoft Security Engine 1065 appliance, AC power supply
APP-NGN-1065-C2	Stonesoft Security Engine 1065 appliance, DC power supply

APP-NGN-1065-C1

FP-1Y-AS-4	One year Antispam subscription for FW-1065 and NGN-1065 appliances
FP-1Y-AV-2	One year Antivirus subscription for FW-1065 and NGN-1065 appliances
FP-1Y-WF2-310	One year Web filtering subscription for FW-1065 appliance
FP-1Y-WF2-312	One year Web filtering subscription for NGN-1065 appliance
FP-1Y-UTM-23	One year UTM subscription bundle (AV, AS, WF) for FW-1065 appliance
FP-1Y-UTM-22	One year UTM subscription bundle (AV, AS, WF) for NGN-1065 appliance
FP-FW-FDPI-8	Full deep inspection for FW-1065
FP-NGN-VE-5	Virtual Engine feature pack license 0-5 for NGN-1065

INTERFACE MODULES

MOD-EM1-GE-4	Quad Port Gigabit Ethernet Copper Module
MOD-EM1-GE-8	Eight Port Gigabit Ethernet Copper Module
MOD-EM1-10G-2	Dual Port 10 Gigabit Copper Module
MOD-EM1-GE-SFP-4	Quad Port SFP Gigabit Ethernet Module
MOD-EM1-10G-SFP-2	Dual Port SFP+ 10GB Module
MOD-EM1-GE-4-B	Quad Port Gigabit Ethernet Copper Bypass Module
MOD-EM1-GE-SX-4-B	Quad Port Gigabit Ethernet Fiber (SX) Bypass Module
MOD-EM1-10G-SR-2-B	Dual Port Fiber (SR) 10GB Bypass Module
MOD-EM1-10G-LR-2-B	Dual Port Fiber (LR) 10GB Bypass Module

* -R license codes are without strong encryption (DES only)