



Stonesoft 3202

Security Engine

Firewall/VPN

IPS/IDS

Layer 2 Firewall

Stonesoft 3202 Appliance Datasheet

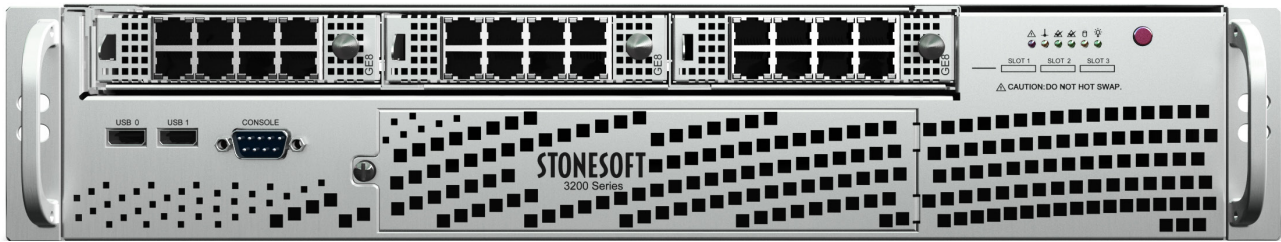
The Stonesoft 3202 appliance is a versatile and modular security engine solution designed to meet the performance and scalability requirements of high-end data centers and large network central sites. It can be used in the Firewall/VPN role (layer 3) for secure routing, NAT, and IPsec VPN gateway purposes. 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, the Stonesoft 3202 appliance provides high performance with unique clustering capabilities for up to 16 nodes. This provides very high IPsec VPN speeds as well as high-performance content and application inspection where needed.

In the IPS and Layer 2 Firewall roles, the Security Engine 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

Stonesoft 3202 Specifications



SOFTWARE FEATURE SPECIFICATIONS

See Security Engine datasheet at www.stonesoft.com

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

See L2 IPS/IDS datasheet www.stonesoft.com

MAXIMUM PERFORMANCE	L3 FW/VPN	L2 FW / IPS / IDS
Throughput (UDP 1514 byte packets, no inspection)	50 Gbps	50 Gbps
Throughput (UDP 1514 byte packets, with inspection)	13 Gbps	13 Gbps
64 byte packets per second (no inspection)	24 million	24 million
HTTP inspection (21 kB payload)	4.5 Gbps	4.5 Gbps
SSL/TLS inspection throughput (AES-256)	1.8 Gbps	1.8 Gbps
New TCP connections/sec (no inspection)	300 000	300 000
New inspected HTTP connections/sec (21 kB payload)	25 000	25 000
Concurrent connections	30 million	30 million
Concurrent connections (with inspection)	4 million	4 million
VLANs	Unlimited	Unlimited
VPN throughput (AES-128-GCM)	10 Gbps	
VPN tunnels	40 000	
Concurrent mVPN Clients	Unlimited	
Virtual Engines (default/max)	10 / 100	

LICENSED PERFORMANCE	FIREWALL/VPN 3202 APPLIANCE	FIREWALL/VPN 3202-P APPLIANCE
Throughput (UDP 1514 byte packets, no inspection)	20 Gbps	50 Gbps
VPN throughput (AES-128-GCM)	5 Gbps	10 Gbps
Virtual Engines	n/a	n/a

NETWORK INTERFACES

Fixed	2 x 10/100/1000 Mbps copper
Module slots	3 (Available modules listed at the product codes section)

CONNECTORS

4 x USB, 1 x serial, VGA, IPMI Ethernet

MEASUREMENTS

Form factor	2U 19" rack unit
Dimensions (W x H x D)	437 x 89 x 450 mm / 17.2" x 3.5" x 17.7"
Net weight	13.2 kg / 29 lbs (without modules)
Gross weight	21.6 kg / 47.6 lbs (without modules)

SAFETY/EMC CERTIFICATIONS

CE, FCC, CB, Gost-R, RoHS

POWER

Power supply	1+1 Redundant 800W + 800W, AC Input 100-240 VAC, 50-60 Hz
Typical power consumption	300 W

OTHER

Operating temperature/humidity	+10—+35°C (+50—+95°F) 8%—90%, non condensing humidity (RH)
Storage temperature/humidity	-40—+70°C (-40—+158°F) 5%—95%, non condensing humidity (RH)
MTBF	100 000 hours
Rack mounting	Rack mounting rails for deep rack 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-3202-C1	Stonesoft Firewall/VPN 3202 appliance
APP-FW-3202-C1-P	Stonesoft Firewall/VPN 3202P appliance
APP-IPS-3202-C1	Stonesoft IPS/IDS 3202 appliance
APP-NGN-3202-C1	Stonesoft 3202 Security Engine appliance

FEATURE PACK CODES

FP-1Y-AS-1	One year Antispam subscription for NGN-3202, FW-3202, FW-3202P
FP-1Y-AV-12	One year Antivirus subscription for NGN-3202, FW-3202, FW-3202P
FP-1Y-WF2-315	One year Web filtering subscription for FW-3202
FP-1Y-WF2-316	One year Web filtering subscription for FW-3202P and IPS-3202
FP-1Y-WF2-317	One year Web filtering subscription for NGN-3202
FP-1Y-UTM-17	One year UTM subscription bundle (AV, AS, WF) for FW-3202
FP-1Y-UTM-18	One year UTM subscription bundle (AV, AS, WF) for FW-3202P
FP-1Y-UTM-19	One year UTM subscription bundle (AV, AS, WF) for NGN-3202
FP-FW-FDPI-5	Full deep inspection for FW-3202, FW-3202P
FP-NGN-VE-100	Virtual Engine feature pack license 11-100 for NGN-3202
FP-NGN-VE-25-UPG	Virtual Engine feature pack license 11-25 for NGN-3202
FP-NGN-VE-50-UPG	Virtual Engine feature pack upgrade license 26-50 for NGN-3202
FP-NGN-VE-100-UPG	Virtual Engine feature pack upgrade license 51-100 for NGN-3202

INTERFACE MODULES

MOD-EM1-GE-4	Four Port Gigabit Ethernet Copper Module
MOD-EM1-GE-8	Eight Port Gigabit Ethernet 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

ADD-ON PRODUCT CODES

APP-RACK1-3200	Rack mounting kit for two post telco rack
APP-RACK2-3200	Rack mounting rails for 50 – 68 cm / 19.7 – 26.8 inches deep rack
SP-PSU-DC-3200	DC power supply for 3200 series appliance

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