

Stonesoft 3201

Security Engine

Firewall/VPN

IPS/IDS

Layer 2 Firewall

Stonesoft 3201 Appliance Datasheet

The Stonesoft 3201 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 3201 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 3201 Specifications



SOFTWARE FEATURE SPECIFICATIONS

See the Security Engine datasheet at www.stonesoft.com

See the Firewall/VPN datasheet at www.stonesoft.com

See L2 FW datasheet www.stonesoft.com

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

MAXIMUM PERFORMANCE	L3 FW/VPN	L2 FW / IPS / IDS
Throughput (UDP 1514 byte packets, no inspection)	20 Gbps	-
Throughput (UDP 1514 byte packets, with inspection)	7 Gbps	7 Gbps
64 byte packets per second (no inspection)	10 million	-
HTTP inspection (21 kB payload)	3 Gbps	3 Gbps
SSL/TLS inspection throughput (RC4-128)	1 Gbps	1 Gbps
New TCP connections/sec (no inspection)	200 000	-
New inspected HTTP connections/sec (with inspection)	13 000	13 000
Concurrent connections	20 million	-
Concurrent connections (with inspection)	5 million	5 million
VLANs	Unlimited	Unlimited
VPN throughput (AES-128-GCM)	10 Gbps	
VPN tunnels	40 000	
Concurrent mVPN Clients	Unlimited	

LICENSED PERFORMANCE	FIREWALL/VPN 3201 APPLIANCE	FIREWALL/VPN 3201-P APPLIANCE
Throughput (UDP 1514 byte packets, no inspection)	10 Gbps	20 Gbps
VPN throughput (AES-128-GCM)	5 Gbps	10 Gbps

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	15 kg / 33 lbs

SAFETY/EMC CERTIFICATIONS

CE, FCC, CB, Gost-R, RoHS

POWER

Power supply 1+1 Redundant 700W + 700W, AC Input 100-240 VAC, 50-60 Hz

Typical power consumption 240 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 120 000 hours

Rack mounting Rack kit APP-RACK3-3200 for 68 cm – 92 cm 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-3201-C1	Stonesoft Firewall/VPN 3201 appliance
APP-FW-3201-C1-P	Stonesoft Firewall/VPN 3201P appliance
APP-IPS-3201-C1	Stonesoft IPS/IDS 3201 appliance
APP-NGN-3201-C1	Stonesoft 3201 Security Engine

FEATURE PACK CODES

FP-1Y-AS-1	One year Antispam subscription for NGN-3201, FW-3201, FW-3201P appliance
FP-1Y-AV-12	One year Antivirus subscription for NGN-3201, FW-3201, FW-3201P appliance
FP-1Y-WF2-172	One year Web filtering subscription for FW-3201 appliance
FP-1Y-WF2-171	One year Web filtering subscription for NGN-3201, FW-3201P appliance
FP-1Y-UTM-16	One year UTM subscription bundle (AV, AS, WF) for FW-3201 appliance
FP-1Y-UTM-6	One year UTM subscription bundle (AV, AS, WF) for NGN-3201, FW-3201P appliance
FP-FW-FDPI-5	Full deep inspection for FW-3201, FW-3201P

INTERFACE MODULES

MOD-EM1-GE-6	Six 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-RACK2-3200	Rack mounting kit for 50 cm – 68 cm deep rack
SP-PSU-DC-3200	DC power supply for 3200 series appliance

* Supported encryption algorithms depend on used license

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