



# Stonesoft 1301

## Security Engine

## Firewall/VPN

### Stonesoft 1301 Appliance Datasheet

The Stonesoft 1301 appliance is a versatile and modular security engine solution designed to meet the performance and scalability requirements of small data centers and medium-sized 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 1301 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 1301 Specifications



## SOFTWARE FEATURE SPECIFICATIONS

See the Security Engine datasheet at [www.stonesoft.com](http://www.stonesoft.com)  
See the Firewall/VPN datasheet [www.stonesoft.com](http://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)	8 Gbps	8 Gbps
64 byte packets per second (no inspection)	7 million	7 million
HTTP inspection (21 kB payload)	2.5 Gbps	2.5 Gbps
SSL/TLS inspection throughput (RC4-128)	500 Mbps	500 Mbps
New TCP connections/sec (no inspection)	120 000	120 000
New inspected HTTP connections per second (21 kB payload)	15 000	15 000
Concurrent connections	10 million	10 million
Inspected concurrent connections	1 million	1 million
VLANs	Unlimited	Unlimited
VPN throughput (AES-128-GCM)	2 Gbps	
VPN tunnels	20 000	
Virtual Engines (default/max)	5/25	

LICENSED PERFORMANCE	FIREWALL/VPN 1301-L APPLIANCE	FIREWALL/VPN 1301 APPLIANCE	FIREWALL/VPN 1301-P APPLIANCE
Throughput (UDP 1514 byte packets, no inspection)	2 Gbps	5 Gbps	20 Gbps
VPN throughput (AES-128-GCM)	600 Mbps	1 Gbps	2 Gbps
Concurrent mVPN Clients	200	200	Unlimited
Virtual Engines	n/a	n/a	n/a

## NETWORK INTERFACES

Fixed	6 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 400 mm / 16.77 x 1.73 x 15.7 inches
Net weight	6.2 kg / 13.7 lbs (without module)
Gross weight	9.4 kg / 20.7 lbs (without module)

## SAFETY/EMC CERTIFICATIONS

CE, FCC, CB, Gost-R, RoHS

## POWER

Power supply AC input: 100-240 VAC, 50-60 Hz, 250W  
DC input: -72 - -36V, 200W

Typical power consumption 85 - 150 W

## OTHER

Operating temperature/humidity +5—+35°C (+41—+95°F) 10%—95%, non condensing humidity (RH)

Storage temperature/humidity -20—+70°C (-4—+158°F) 10%—95%, non condensing humidity (RH)

MTBF 150 000 hours

Rack mounting Mounting accessories for 2-post and 4-post rack (max 70 cm / 27.5 inches deep) included by default. For deeper rack order APP-RACK-1300.

## 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-1301-C1-L Stonesoft Firewall/VPN 1301-L appliance, AC power supply  
APP-FW-1301-C1 Stonesoft Firewall/VPN 1301 appliance, AC power supply  
APP-FW-1301-C1-P Stonesoft Firewall/VPN 1301-P appliance, AC power supply  
APP-FW-1301-C2-L Stonesoft Firewall/VPN 1301-L appliance, DC power supply  
APP-FW-1301-C2 Stonesoft Firewall/VPN 1301 appliance, DC power supply  
APP-FW-1301-C2-P Stonesoft Firewall/VPN 1301-P appliance, DC power supply  
APP-NGN-1301-C1 Stonesoft Security Engine 1301 appliance, AC power supply  
APP-NGN-1301-C2 Stonesoft Security Engine 1301 appliance, DC power supply

## FEATURE PACK CODES

FP-1Y-AS-2 One year Anti-Spam (AS) subscription for 1301 appliance  
FP-1Y-AV-5 One year Anti-Virus (AV) subscription for 1301 appliance  
FP-1Y-WF2-174 One year Web Filtering (WF) subscription for FW-1301-L and FW-1301 appliance  
FP-1Y-WF2-173 One year Web Filtering (WF) subscription for FW-1301-P and NGN-1301 appliance  
FP-1Y-UTM-8 One year UTM subscription bundle (AV, AS, WF) for FW-1301-L and FW-1301 appliance  
FP-1Y-UTM-7 One year UTM subscription bundle (AV, AS, WF) for FW-1301-P and NGN-1301 appliance  
FP-FW-FDPI-3 Full deep inspection for FW-1301-L, FW-1301 and FW-1301-P  
FP-MVPN-1300-U Unlimited concurrent Mobile VPN users for FW-1301-L and FW-1301  
FP-NGN-VE-25 Virtual Engine feature pack license 6-25 for NGN-1301  
FP-NGN-VE-10-UPG Virtual Engine feature pack license 6-10 for NGN-1301  
FP-NGN-VE-25-UPG Virtual Engine feature pack license 11-25 for NGN-1301

## INTERFACE MODULES

MOD-EM1-GE-4 Quad Port Gigabit Ethernet Copper Module  
MOD-EM1-GE-8 Eight Port Gigabit Ethernet Copper Module (requires appliance hardware revision 1 or newer)  
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

SP-DFDC-1300 Dual-feed adapter for 1300 series DC power supplies  
APP-RACK-1300 Rack rails for 70 – 86 cm / 27.5 – 33.8 inches deep rack

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