

Stonesoft 5205

Security Engine

Firewall/VPN

Stonesoft 5205 Appliance Datasheet

The Stonesoft 5205 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 5205 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 5205 Specifications



SOFTWARE FEATURE SPECIFICATIONS

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

MAXIMUM PERFORMANCE

L3 FW/VPN

Throughput (UDP 1514 byte packets, no inspection)	50 Gbps
Throughput (UDP 1514 byte packets, with inspection)	11 Gbps
64 byte packets per second (no inspection)	15 million
HTTP inspection (21 kB payload)	4.7 Gbps
SSL inspection throughput (RC4-128)	2.5 Gbps
New TCP connections/sec (no inspection)	200 000
New inspected HTTP connections/sec (21 kB payload)	26 000
Concurrent connections	20 million
Concurrent connections (with inspection)	5.8 million
VLANs	Unlimited
VPN throughput (AES-128-GCM)	17 Gbps
VPN tunnels	40 000
Concurrent mVPN Clients	Unlimited

NETWORK INTERFACES

Fixed	2 x 10/100/1000 Mbps copper
Module slots	6 (Available modules listed at the product codes section)

CONNECTORS

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

MEASUREMENTS

Form factor	3U 19" rack unit
Dimensions (W x H x D)	437 x 132 x 648 mm / 17.2" x 5.2" x 25.5"
Net weight	24.8 kg / 54.67 lbs
Gross weight	34.8 kg / 75.62 lbs

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	300-500 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 kit 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-5205-C1	Stonesoft Firewall/VPN 5205 appliance
APP-NGN-5205-C1	Stonesoft 5205 Security Engine

FEATURE PACK CODES

FP-1Y-AS-8	One year Antispam subscription for NGN-5205, FW-5205 appliance
FP-1Y-AV-13	One year Antivirus subscription for NGN-5205, FW-5205 appliance
FP-1Y-WF2-169	One year Web filtering subscription for NGN-5205, FW-5205 appliance
FP-1Y-UTM-5	One year UTM subscription bundle (AV, AS, WF) for NGN-5205, FW-5205 appliance
FP-FW-FDPI-6	Full deep inspection for FW-5205

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

SP-PSU-DC-5200	DC power supply for 5200 series appliance
----------------	---

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