

# Stonesoft 5206

**Security Engine**

**Firewall/VPN**

**IPS/IDS**

**Layer 2 Firewall**

## **Stonesoft 5206 Appliance Datasheet**

The Stonesoft 5206 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 5206 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 5206 Specifications



## SOFTWARE FEATURE SPECIFICATIONS

See Security Engine datasheet at [www.stonesoft.com](http://www.stonesoft.com)  
 See L3 FW/VPN datasheet at [www.stonesoft.com](http://www.stonesoft.com)  
 See L2 IPS/IDS datasheet [www.stonesoft.com](http://www.stonesoft.com)

MAXIMUM PERFORMANCE	L3 FW/VPN	L2 FW / IPS / IDS
Throughput (UDP 1514 byte packets, no inspection)	120 Gbps	120 Gbps
Throughput (UDP 1514 byte packets, with inspection)	30 Gbps	30 Gbps
64 byte packets per second (no inspection)	40 million	40 million
HTTP inspection (21 kB payload)	10 Gbps	10 Gbps
SSL/TLS inspection throughput (AES256-SHA)	3.3 Gbps	3.3 Gbps
New TCP connections per second (no inspection)	300 000	300 000
New inspected HTTP connections per second (1.7 kB payload)	50 000	50 000
Concurrent connections (no inspection)	30 million	30 million
Concurrent connections (with inspection)	12 million	12 million
VLANs	Unlimited	Unlimited
VPN throughput (AES-128-GCM)	18 Gbps	
VPN tunnels	200 000	
Concurrent IPsec VPN clients	Unlimited	
Virtual Engines (default/max) *	10/250	

## NETWORK INTERFACES

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

## CONNECTOR

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 inches
Net weight	23.8 kg / 52.47 lbs (without modules)
Gross weight	34.8kg / 75.62 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	300-500 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 – 92 cm / 26.8 – 36.2 inches 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-5206-C1	Stonesoft Firewall/VPN 5206 appliance
APP-IPS-5206-C1	Stonesoft IPS/IDS 5206 appliance
APP-NGN-5206-C1	Stonesoft 5206 Security Engine

## FEATURE PACK CODES

FP-1Y-AS-16	One year Anti-Spam (AS) subscription for 5206 appliance
FP-1Y-AV-18	One year Anti-Virus (AV) subscription for 5206 appliance
FP-1Y-WF2-205	One year Web Filtering (WF) subscription for 5206 appliance
FP-1Y-UTM-14	One year UTM subscription bundle (AV, AS, WF) for 5206 appliance
FP-FW-FDPI-7	Full deep inspection for FW-5206
FP-NGN-VE-250	Virtual Engine feature pack license 11-250 for NGN-5206
FP-NGN-VE-25-UPG	Virtual Engine feature pack license 11-25 for NGN-5206
FP-NGN-VE-50-UPG	Virtual Engine feature pack upgrade license 26-50 for NGN-5206
FP-NGN-VE-100-UPG	Virtual Engine feature pack upgrade license 51-100 for NGN-5206
FP-NGN-VE-250-UPG	Virtual Engine feature pack upgrade license 101-250 for NGN-5206

## INTERFACE MODULES

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 – 68 cm / 19.7-26.8 inches deep rack
SP-PSU-DC-5200	DC power supply for 5200 series appliance

\* Available only with NGN license

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