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
See L3 FW/VPN datasheet at www.stonesoft.com
See L2 IPS/IDS datasheet www.stonesoft.com

## MAXIMUM PERFORMANCE

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

## NETWORK INTERFACES

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Fixed</td>
<td>2 x 10/100/1000 Mbps copper</td>
</tr>
<tr>
<td>Module slots</td>
<td>6 (Available modules listed at the product codes section)</td>
</tr>
</tbody>
</table>

## CONNECTOR

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

## MEASUREMENTS

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Form factor</td>
<td>3U 19” rack unit</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>437 x 132 x 648 mm / 17.2 x 5.2 x 25.5 inches</td>
</tr>
<tr>
<td>Net weight</td>
<td>23.8 kg / 52.47 lbs (without modules)</td>
</tr>
<tr>
<td>Gross weight</td>
<td>34.8kg / 75.62 lbs (without modules)</td>
</tr>
</tbody>
</table>
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 upgrade license 26-50 for NGN-5206
FP-NGN-VE-50-UPG Virtual Engine feature pack upgrade license 51-100 for NGN-5206
FP-NGN-VE-100-UPG Virtual Engine feature pack upgrade license 101-250 for NGN-5206
FP-NGN-VE-250-UPG Virtual Engine feature pack upgrade license 251-500 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)