



# STORMSHIELD

NETWORK SECURITY

# STORMSHIELD SN910

Business continuity in complex architectures



## Fiber

PRODUCT

## 20 Gbps

FIREWALL  
PERFORMANCE

## 4 Gbps

IPSEC  
PERFORMANCE

## Modularity

COPPER AND FIBER  
INTERFACES



## Modularity

The network extension module offers a large flexibility in configuration. This modularity between copper and 1 GbE or 10GbE fiber interfaces helps to anticipate your infrastructure's changes with serenity.



## Performance

- The best price performance ratio to secure ext generation traffic
- Synergy between hardware and software



## Guaranteed privacy

- IPsec VPN and intrusion prevention
- Access management



## Contextualized security policy

- Protection adapted to the level of risk
- Risks identified per workstation or server
- Interactive reports for an easy risks mitigation strategy



COMMON  
CRITERIA



COMMON  
CRITERIA



EU  
RESTRICTED



NATO  
OTAN

NEXT GENERATION UTM  
& FIREWALL

MID-SIZE BUSINESSES  
& LARGE BRANCH OFFICES

[WWW.STORMSHIELD.COM](http://WWW.STORMSHIELD.COM)

# TECHNICAL SPECIFICATIONS

## PERFORMANCE\*

Firewall throughput (1518 byte UDP)	20 Gbps
IPS throughput (1518 byte UDP)	12.5 Gbps
IPS throughput (1 MByte HTTP files)	7 Gbps
Antivirus throughput	2.2 Gbps

## VPN\*

IPSec throughput - AES128/SHA1	4 Gbps
IPSec throughput - AES256/SHA2	3 Gbps
Max number of IPSec VPN tunnels	1,000
Max number of SSL VPN (Portal mode)	300
Number of simultaneous SSL VPN clients	150

## NETWORK CONNECTIVITY

Concurrent connections	1,500,000
New connections per second	60,000
Number of main gateways (max)/backup (max)	64/64

## CONNECTIVITY

10/100/1000 Interfaces	8-16
1Gb interfaces	0-6
10Gb interfaces	0-2

## SYSTEM

Max number of filtering rules	32,768
Max number of static routes	5,120
Max number of dynamic routes	10,000

## REDUNDANCY

High Availability	✓
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## HARDWARE

Local storage	120 Go SSD
MTBF at 25°C (years)	13.2
Racking	1U - 19"
Height x Width x Depth (mm)	44.45 x 440 x 310
Weight	5.1 kg (11.3 lbs)
Packaged Height x Width x Depth (mm)	142 x 590 x 443
Packaged weight	7.05 kg (15.6 lbs)
Power supply (AC)	100-240V 60-50Hz 4-2A
Power consumption	230V 50Hz 72W 0.38A
Fan	3
Noise level	50 dbA
Thermal dissipation (max, BTU/h)	334
Operational temperature	5° to 40°C (41° to 104°F)
Relative humidity, operating (without condensation)	20% to 90% @ 40°C
Storage temperature	-30° to 65°C (-22° to 149°F)
Relative humidity, storage (without condensation)	5% to 95% @ 60°C

## CERTIFICATIONS

Compliance	CE/FCC/CB
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# FEATURES

## USAGE CONTROL

Firewall/IPS/IDS mode - Identity-based firewall - Application detection and management - Microsoft Services Firewall - Industrial firewall/IPS/IDS - Industrial application control - Detection and control of the use of mobile terminals - Application inventory (option) - Vulnerability detection (option) - Geolocation (countries, continents) - Dynamic Host Reputation - URL filtering (embedded database or cloud mode) - Transparent authentication (Active Directory, SSO Agent, SSL, SPNEGO) - Multi-user authentication in cookie mode (Citrix-TSE) - Guest and sponsorship mode authentication.

## PROTECTION FROM THREATS

Intrusion detection and prevention - Protocols autodetection and compliancy check - Application inspection - Protection from denial of service attacks (DoS) - Protection from SQL injections - Protection from Cross-Site Scripting (XSS) - Protection from malicious Web2.0 code and scripts (Clean & Pass) - Trojan detection - Detection of interactive connections (botnets, Command&Control) - Protection from data evasion - Advanced management of fragmentation - Automatic reaction to attack (notification, quarantine, block, QOS, dump) - Antispam and antiphishing: reputation-based analysis, heuristic engine - Embedded antivirus (HTTP, SMTP, POP3, FTP) - SSL decryption and inspection - VoIP protection (SIP) - Collaborative security: IP reputation, Cloud based Sandbox on the European territory (option).

## CONFIDENTIALITY

Site-to-site or nomad IPSec VPN - Remote SSL VPN access in multi-OS tunnel mode (Windows, Android, iOS, etc.) - SSL VPN agent with automatic configuration (Windows) - Support for Android/iPhone IPSec VPN.

## NETWORK - INTEGRATION

IPv6 - NAT, PAT, transparent (bridge)/routed/hybrid modes - Dynamic routing (RIP - OSPF - BGP) - Multiple link management (balancing, failover) - Multi-level internal or external PKI management - Multi-domain authentication (including internal LDAP) - Explicit proxy - Policy-based routing (PBR) - QoS management - DHCP client/relay/server - NTP client - DNS proxy-cache - HTTP proxy-cache - LACP management - Spanning-tree management (RSTP/MSTP).

## MANAGEMENT

Web-based management - Interface with privacy mode (GDPR compliancy) - Object-oriented security policy - Contextual security policy - Real-time configuration helper - Rule counter - Multiple installation wizards - Global/local security policy - Embedded log reporting and analysis tools - Interactive and customizable reports - Support for multiple syslog server UDP/TCP/TLS - SNMP v1, v2c, v3 agent - IPFIX/NetFlow - Automated configuration backup - Open API - Script recording.

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**Non-contractual document.** The features mentioned are those in version 3.x.

\* Performance is measured in a laboratory and under conditions ideal for version 3.x. Results may vary according to test conditions and the software version.