



# STORMSHIELD

NETWORK SECURITY

# STORMSHIELD SN710

Business continuity in complex architectures



## Fiber

PRODUCT

## 15 Gbps

FIREWALL  
PERFORMANCE

## 3 Gbps

IPSEC VPN  
PERFORMANCE

## Modularity

COPPER AND FIBER  
INTERFACES



**⚡ Performance and modularity**  
Offering 15 Gbps performance, the SN710 is able to adapt to your needs thanks to network modularity that combines port density (up to 16 ports) with 10GE fiber.

### Application control

- Dynamic analysis
- Curb the use of dangerous applications or those unrelated to work
- Qualitative approach

### Compliance with regulations

- Logs and reports access complies with GDPR
- Log storage
- Legal archiving

### All-in-one device

- Application firewall, intrusion prevention, VPN, antivirus
- Antispam, web filtering, vulnerabilities management
- Advanced reporting, users tracking



COMMON  
CRITERIA



COMMON  
CRITERIA



EU  
RESTRICTED



NATO  
RESTRICTED

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)	15 Gbps
IPS throughput (1518 byte UDP)	8 Gbps
IPS throughput (1 MByte HTTP files)	3 Gbps
Antivirus throughput	2 Gbps

## VPN\*

IPSec throughput - AES-GCM	3 Gbps
IPSec throughput - AES256/SHA2	2 Gbps
Max number of IPSec VPN tunnels	1,000
Max number of SSL VPN (Portal mode)	150
Number of simultaneous SSL VPN clients	150

## NETWORK CONNECTIVITY

Concurrent connections	1,000,000
New connections per second	50,000
Number of main gateways (max)/backup (max)	64/64

## CONNECTIVITY

10/100/1000 Interfaces	8-16
10Gb copper interfaces	0-4
1Gb fiber interfaces	0-8
10Gb fiber interfaces	0-4
Optional extension modules (8 ports 10/100/1000 - 4 ports 10Gb copper - 8 ports 1Gb fiber - 4 ports 10Gb fiber)	1

## SYSTEM

Max number of filtering rules	16,384
Max number of static routes	2,048
Max number of dynamic routes	10,000

## REDUNDANCY

High Availability	✓
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## HARDWARE

Local storage	✓
Log partition	> 200 GB
MTBF at 25°C (years)	15.1
Racking	1U -19"
Height x Width x Depth (mm)	44.45 x 440 x 310
Weight	4.22 kg (9.3 lbs)
Power supply (AC)	100-240V 60-50Hz 3-1.5A
Power consumption	230V 50Hz 37W 0.23A
Fan	2
Noise level	55dbA
Thermal dissipation (max, BTU/h)	145
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) - SD-WAN.

## MANAGEMENT

Web-based management - Interface with privacy mode (GDPR compliant) - 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.

**Non-contractual document.** The features mentioned are those in version 4.x.

*\* Performance is measured in a laboratory and under conditions ideal for version 4.x. Results may vary according to test conditions and the software version.*