



# STORMSHIELD

NETWORK SECURITY

# STORMSHIELD SN-XS-SERIES-170

Unified security, suited to all environments



3 Gbps

FIREWALL  
PERFORMANCE

SDWAN

CONNECTIVITY

1 Gbps

VPN IPSEC  
PERFORMANCE

HA

SERVICE  
CONTINUITY



## All-in-One equipment

The firewall that adapts to all the needs of SMBs requiring a robust solution, with a set of the most comprehensive security features on the market for optimal protection: firewall, intrusion prevention, application control, VPN, antivirus, antispam, web filtering based on a cloud solution, etc.



## Continuity of service

- High availability
- WAN link redundancy



## Confidentiality ensured

- IPsec VPN, SSL VPN
- Intrusion prevention (IPS)
- Access management system



## Easy integration

- Transparent segmentation (bridge)/routed/hybrid
- Suitable for all environments (IT/OT)

NEXT GENERATION UTM  
& FIREWALL

SMALL BUSINESSES, BRANCHES,  
REMOTE SITES & CRAFTWORKERS

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

# TECHNICAL SPECIFICATIONS

# FEATURES

## PERFORMANCES\*

Firewall throughput (1,518 byte UDP)	3 Gbps
Firewall throughput (IMIX**)	2.5 Gbps
IPS throughput (1,518 byte UDP)	1 Gbps
IPS throughput (1 MB HTTP)	800 Mbps
Antivirus throughput (Threat Prevention)	300 Mbps

## VPN\*

IPSec throughput - AES-GCM	1 Gbps
IPSec throughput - AES-GCM (IMIX)	740 Mbps
Max number of IPSec VPN tunnels	50
VPN SSL throughput	200 Mbps
Number of simultaneous SSL VPN clients	25

## NETWORK CONNECTIVITY

Max number of simultaneous sessions	150,000
Number of new sessions/sec.	15,000
Number of main gateways (max)/backup (max)	64/64

## CONNECTIVITY

100/1000/2500 copper interfaces	4
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## SYSTEM

Number of filtering rules (recommended / specific config)	1,024/2,048
Max number of static routes	512
Max number of dynamic routes	10,000

## REDUNDANCY

High availability (active/passive)	✓
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## HARDWARE

Log partition	By microSD card
TPM chip	✓
MTBF at 25 °C (years)	50,1

Installation	Rack, cabinet, wall mount or DIN rail (width 35mm, EN 50022 standard)
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Size	Desktop 1U (<1/2 19")
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Height (w/w.o rubber feet) x Width x Depth (mm)	42/46 x 165 x 139
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Weight	1.16 kg (2.56 lbs)
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Power supply (AC)	100-240V 60-50Hz 1.2A
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Power supply (DC)	12-48VDC 3-0.75A
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Power consumption (max - AC)	230V 50Hz 19.9W 0.23A
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Power consumption (max - DC)	48V 19.1W 0.40A
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Noise level	Fanless
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Thermal dissipation (max, BTU/h)	80
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Operating temperature	-20° to 60°C (-4° to 140°F)
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Relative humidity when operating (without condensation)	0% to 95% @60°C (140°F)
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Storage temperature	-40° to 85°C (-40° to 185°F)
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Relative humidity for storage (without condensation)	0% to 95% @60°C (140°F)
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## CERTIFICATIONS

Compliance	CE/FCC/RCM/UKCA/IEC 61000-4-12/CB/ IEC 60068-2/IEC 60529
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## 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) - Agent-based multi-user VDI authentication (Citrix, TSE) - Guest and sponsorship mode authentication, webservices - Host Checker - Zero Trust Network Access (ZTNA).

## 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 - Post Quantum Resistant - 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) - Multicast - 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, SD-WAN, Multifactor Authentication (MFA).

## MANAGEMENT

Web-based management - Interface with privacy mode (GDPR compliancy) - Object-oriented security policy - Contextual security policy - Real-time configuration helper - Rule counter - Connected or disconnected security updates - 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 - Automated configuration backup - External storage (option) - Open API - Script recording.

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

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

\*\* IP size: 60% (48 bytes) - 25% (494 bytes) - 15% (1500 bytes).

The images in this document are not contractually binding.