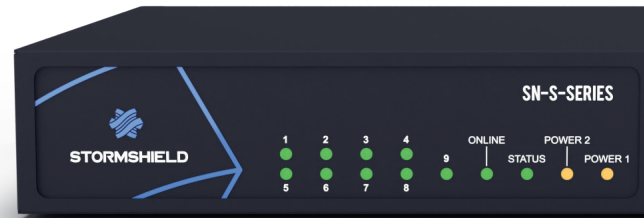




# STORMSHIELD

NETWORK SECURITY

# STORMSHIELD SN-S-SERIES-220



Evolving security

## SD-WAN

CONNECTIVITY

## 4 Gbps

FIREWALL  
PERFORMANCE

## 1 Gbps

VPN IPSEC  
PERFORMANCE

## Resiliency

DOUBLE POWER  
SUPPLY



### Adaptability to your needs

Upgrade your platform to match your growth with a simple licence change. The SN-S-Series-220 ensures you can look to the future with confidence in performance and connectivity.



### Scalability

- 1 unique platform for 2 products
- Conversion to SN-S-Series-320 via software option
- 4 Gbps firewall throughput, scalable to 8 Gbps



### Business continuity

- High availability
- Redundant power supply\*
- LACP



### Optimal level of confidentiality

- Securing secrets with TPM chip
- IPsec VPN and Intrusion Prevention
- Integrated microSD port

*\*option*

NEXT GENERATION UTM  
& FIREWALL

SMALL BUSINESSES, AGENCIES &  
REMOTE OFFICES

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

# TECHNICAL SPECIFICATIONS

## PERFORMANCE\*

Firewall throughput (1518 byte UDP)	4 Gbps
IPS throughput (1518 byte UDP)	2 Gbps
IPS throughput (1 MB HTTP)	1 Gbps
Antivirus throughput	500 Mbps

## VPN\*

IPSec throughput - AES-GCM	1 Gbps
Max number of IPSec VPN tunnels	100
Number of SSL VPN clients in portal mode	50
Number of simultaneous SSL VPN clients	50

## NETWORK CONNECTIVITY

Max number of simultaneous sessions	300,000
Number of new sessions/sec.	20,000
Number of main gateways (max)/backup (max)	64/64

## CONNECTIVITY

100/1000/2500 interfaces	8
1 Gb fiber interfaces	1 <sup>1</sup>

## SYSTEM

Number of filtering rules (recommended / specific config)	2,048 / 8,192
Max number of static routes	512
Max number of dynamic routes	10,000

## REDUNDANCY

High availability (active/passive)	✓
Redundant power supply (optional)	External

## HARDWARE

Storage	✓
Log partition	By microSD card
TPM chip	✓
MTBF at 25°C (years)	36,5
Size	1U - (<1/2 19")
Height (w/w.o rubber feet) x Width x Depth (mm)	46/42 x 210 x 205
Weight (kg)	1,664
Power supply (AC)	100-240V 60-50Hz 1.3-0.75A
Power consumption (max)	230V 50Hz 29 W 0,57A
Noise level	Fanless
Thermal dissipation (max, BTU/h)	70
Operating temperature	5° to 40°C (41° to 104°F)
Relative humidity when operating (without condensation)	20% to 90% @ 40°C
Storage temperature	-30° to 65°C (-22° to 149°F)
Relative humidity for storage (without condensation)	5% to 95% at 60 °C

## CERTIFICATIONS

Compliance	CE/FCC/CB
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<sup>1</sup> Requires transceivers

# 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, webservice.

## PROTECTION FROM THREATS

Intrusion detection and prevention - Protocol auto-detection and compliance check - Application inspection - Protection from denial of service (DoS) attacks - Protection from SQL injections - Protection from Cross-Site Scripting (XSS) - Protection from malicious Web2.0 code and scripts - Trojan detection - Detection of interactive connections (Botnets, Command&Control) - Protection against evasion techniques - Advanced fragmentation management - Automatic quarantining in the event of an attack - 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 hosted in Europe (option).

## CONFIDENTIALITY OF EXCHANGES

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) - IPSec VPN support for Android/iPhone.

## 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 directories (including internal LDAP) - Explicit proxy - Policy-based routing (PBR) - Quality of Service management - DHCP client/relay/server - NTP client - DNS proxy-cache - HTTP proxy - LACP management - Spanning-tree management (RSTP/MSTP) - SD-WAN, Multifactor Authentication (MFA).

## MANAGEMENT

Web-based management interface with privacy mode (GDPR compliant) - Object-oriented security policy - Contextual security policy - Real-time configuration support - Firewall rule usage counters - Multiple installation wizards - Global/local security policy - Embedded log reporting and analysis tools - Interactive and customisable reports - Support for multiple syslog servers: UDP/TCP/TLS - SNMP v1, v2c, v3 agent - IPFIX/NetFlow - Automated configuration backup - Open API - Script recording.

**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.

The images in this document are non-contractual.