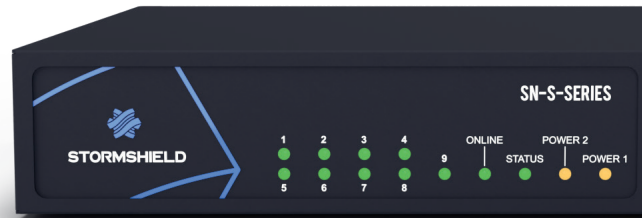




STORMSHIELD

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

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 ¹

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)	47/42 x 210 x 205
Weight	1.67kg (3.68lbs)
Power supply (AC)	100-240V 60-50Hz 1.5A
Power consumption (max)	230V 50Hz 29.1W 0.32A
Noise level	Fanless
Thermal dissipation (max, BTU/h)	100
Operating temperature	0° to 40°C (32° to 104°F)
Relative humidity when operating (without condensation)	0% to 95% @40°C (104°F)
Storage temperature	-30° to 65°C (-22° to 149°F)
Relative humidity for storage (without condensation)	5% to 95% @60°C (140°F)

CERTIFICATIONS

Compliance	CE/FCC/RCM/UKCA/CB
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¹ 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) - 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-Dynamicrouting(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.

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.