



STORMSHIELD

NETWORK SECURITY

STORMSHIELD SN-L-SERIES-2200

Flexibility and peace of mind for complex infrastructures

85 Gbps

FIREWALL
PERFORMANCE

16 Gbps

IPSEC VPN
PERFORMANCE

40 Gbps

FIBRE INTERFACE

Modularity

NEXT-GENERATION COPPER
AND FIBRE INTERFACES



Modularity

Network expansion capabilities give you a great deal of flexible configuration options. This modularity between copper and fibre interfaces supports you as your infrastructures develop.



Scalability

- 1 platform for 2 products
- Firewall throughput of 85 Gbps, scalable to 115 Gbps
- Conversion to SN-L-Series-3200 via software option



Peace of mind

- High availability
- RAID 1 configuration
- Redundant power supply and ventilation for continuity of service



All-in-one equipment

- Management of your secure SD-WAN
- IPsec VPN and intrusion prevention
- Interactive reports to facilitate risk mitigation

NEXT GENERATION UTM
& FIREWALL

LARGE ORGANISATIONS
& DATACENTERS

WWW.STORMSHIELD.COM

TECHNICAL SPECIFICATIONS

PERFORMANCE*

Firewall throughput (UDP 1518 bytes)	85 Gbps
Firewall throughput (IMIX**)	30 Gbps
IPS throughput (UDP 1518 bytes)	52 Gbps
IPS throughput (1 MB HTTP)	24 Gbps
Antivirus throughput	8 Gbps

VPN

IPSec throughput - AES-GCM	16 Gbps
IPSec throughput - AES-GCM (IMIX)	7.7 Gbps
Max. number of IPSec VPN tunnels	5000
Number of simultaneous SSL VPN clients	2400

NETWORK CONNECTIVITY

Max. number of simultaneous sessions	5000000
Number of new sessions/sec.	200000
(Max.) number of main / backup gateways	64/64

CONNECTIVITY

Copper 10/100/1000/2500 interfaces	2-26
10 Gb copper interfaces	0-12
1 Gb fibre interfaces	0-24
10 Gb fibre interfaces (Dual speed)	0-12
40 Gb fibre interfaces	0-6
Optional network extension modules (8 x 10/100/1000/2500 copper ports - 4 x 10 Gb copper ports - 8 x 1 Gb fibre ports - 4 x 10 Gb fibre ports - 2 x 40 Gb fibre ports)	3

SYSTEM

Number of filtering rules (recommended / specific conf.)	16,384 / 32,768
Maximum number of static routes	10240

REDUNDANCY

High availability (Active/Passive)	✓
Redundant SSDs (hot swappable)	RAID 1
Redundant power supply (hot swappable)	✓
Redundant ventilation (hot swappable)	✓

HARDWARE

Storage	240 Gb SSD
Large Storage option for local storage	960 GB SSD
Chip TPM	✓
MTBF at 25°C (in years)	39.8
Size	1U - 19"
Height x Width x Depth (mm)	44.45 x 443 x 610
Weight	9.93kg (21.9 lbs)
Power supply (AC)	2 x 100 - 240V 60-50Hz 6-3A
48V power supply (option)	2 x -36 - 72 V DC 17-9 A
Power consumption (max)	230V 50Hz 353W 1.55A
Fans	5
Heat dissipation (max., BTU/h)	1300
Operating temperature	0° to 40°C (32° to 104°F)
Operating relative humidity (non-condensing)	0% to 95% @ 40°C (104°F)
Storage temperature	-30° to 65°C (-22° to 149°F)
Storage relative humidity (non-condensing)	5% to 95% @ 60°C (140°F)

CERTIFICATIONS

Compliance	CE/FCC/RCM/UKCA/CB
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FEATURES

CONTROL OF USE

Firewall/IPS/IDS mode - User identity-based firewall - Application detection and management - Microsoft Services Firewall - Industrial firewall/IPS/IDS - Industrial application control - Mobile device usage detection and control - Application inventory (optional) - Vulnerability detection (optional) - Geolocation (countries, continents) - Dynamic machine reputation - URL filtering (embedded or cloud mode) - Transparent authentication (Active Directory SSO Agent, SSL, SPNEGO) - VDI multi-user authentication with agent (Citrix-TSE) - Guest or sponsor mode authentication, webservice.

PROTECTION AGAINST THREATS

Intrusion detection and prevention - Auto-detection and protocol compliance checking - Application inspection - Denial of Service (DoS) protection - SQL injection protection - Cross Site Scripting (XSS) protection - Malicious code and Web2.0 scripts protection - Trojan horse detection - Interactive connection detection (Botnet, Command&Control) - Evasion techniques protection - Advanced fragmentation management - Automated quarantine in case of attack - Antispam and antiphishing: Reputation analysis, heuristic engine - Integrated antivirus software (HTTP, SMTP, POP3, FTP) - SSL decryption and inspection - VoIP (SIP) protection - Collaborative security: IP reputation, Sandbox Cloud hosted in Europe (optional).

CONFIDENTIALITY OF EXCHANGES

Site-to-site or nomadic IPSec VPN - SSL VPN remote access in multiple OS tunnel mode (Windows, Android, iOS, etc.) - SSL VPN agent with automated configuration (Windows) - IPSec VPN support for Android/iPhone.

NETWORK - INTEGRATION

IPv6 - NAT, PAT, bridge/routed/hybrid mode - Dynamic routing (RIP, OSPF, BGP) - Multicast - Multiple link management (split, switch) - Multiple level internal or external PKI management - Multiple domain directories (including internal LDAP) - Explicit proxy - Policy-based routing (PBR) - Service quality management - DHCP client/relay/server - NTP client - DNS proxy-cache - HTTP proxy - LACP management - Spanning-tree management (RSTP/MSTP) - SD-WAN, Multiple factor authentication (MFA).

MANAGEMENT

Web-based management interface with privacy mode (GDPR compliant) - Object-oriented security policy - Contextual security policy - Real-time configuration assistance - Firewall rule usage counters - Online or offline security updates - Global/local security policy - Embedded reporting and log analysis tools - Interactive and customisable reports - Support for multiple UDP/TCP/TLS syslog servers - SNMP v1, v2, v3 agent - IPFIX - Automated configuration backup - Open API - Script recording.

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Non-binding document. The features mentioned are those of version 4.x.

* Performance measured in the laboratory under ideal conditions for version 4.8. The results may vary depending on the test conditions and the software version.

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

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