



# STORMSHIELD

NETWORK SECURITY

## STORMSHIELD SN-M-SERIES-920

Business continuity for complex architectures



Fiber

CONNECTIONS

36 Gbps

FIREWALL  
PERFORMANCE

6 Gbps

IPSEC VPN  
PERFORMANCE

Modularity

COPPER AND FIBER  
INTERFACES



### Modularity

Network expansion capabilities provide a great deal of flexible configuration options. This modularity between 1 GbE or 10 GbE copper and fiber interfaces supports your infrastructure development.



### Business continuity

- High availability
- Redundant power supply
- Integration with telecom racks in existing infrastructures



### Optimal performance

- Full performance of the SN-M-Series platform
- 36 Gbps of firewall throughput
- Boost your SN-M-Series-720 to SN-M-Series-920 with software option



### All-in-one equipment

- VPN IPsec and intrusion prevention
- Risks identified by workstation or server
- Interactive reports to facilitate risk mitigation

NEXT GENERATION UTM  
& FIREWALL

MEDIUM-SIZE  
ORGANISATIONS

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

# TECHNICAL SPECIFICATIONS

## PERFORMANCE\*

Firewall throughput (1,518 byte UDP)	36 Gbps
IPS throughput (1,518 byte UDP)	16 Gbps
IPS throughput (1 MB HTTP)	10 Gbps
Antivirus throughput	3.5 Gbps

## VPN\*

IPSec throughput - AES-GCM	6 Gbps
Max number of IPSec VPN tunnels	2,000
Number of SSL VPN clients in portal mode	500
Number of simultaneous SSL VPN clients	500

## NETWORK CONNECTIVITY

Max number of simultaneous sessions	1,500,000
Number of new sessions/sec.	80,000
Number of main gateways (max)/backup (max)	64/64

## CONNECTIVITY

2.5 Gb copper interfaces	8-16
10 Gb copper interfaces	0-4
1 Gb fiber interfaces	0-8
10 Gb fiber interfaces (Dual speed)	2 <sup>1</sup> -6
Optional network extension modules (8 ports 2.5 Gb copper - 4 ports 10 Gb copper - 8 ports 1 Gb fiber - 4 ports 10 Gb fiber)	1

## SYSTEM

Number of filtering rules (recommended / specific config)	8,192 / 32,768
Max number of static routes	5,120
Max number of dynamic routes	10,000

## REDUNDANCY

High availability (active/passive)	✓
Redundant power supply	Double integrated non-hot swappable

## HARDWARE

Storage	✓
Log Partition	> 200 GB
Chip TPM	✓
MTBF at 25 °C (years)	21.5
Size	1U -19"
Height x Width x Depth (mm)	44.45 x 440 x 360
Weight	4.93 kg (10.86 lbs)
Power supply (AC)	100-240 V 60-50 Hz 3-1.5A
Power consumption (max)	230 V 50 Hz 93.2W 0.43A
Fans	3
Noise level	62 dBA
Thermal dissipation (max, BTU/h)	340
Operating temperature	0° to 40 °C (32° to 104 °F)
Relative humidity when operating (without condensation)	0% to 95% at 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/RCM/UKCA/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) - Agent based multi-user VDI authentication (Citrix-TSE) - Guest and sponsorship mode authentication, webservices.

## 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) - Multicast - 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 - Connected or disconnected security updates - 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 - Automated configuration backup - 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.

<sup>1</sup> Requires transceivers