



STORMSHIELD

NETWORK SECURITY

STORMSHIELD SN-M-SERIES-720

Supports the development of your business



Fiber

CONNECTIVITY

18 Gbps

FIREWALL
PERFORMANCE

4 Gbps

IPSEC VPN
PERFORMANCE

Modularity

CONNECTIONS
PERFORMANCE



Support your growth

With its scalable performance and network modularity, the SN-M-Series-720 is perfectly suited to your growth needs.



Scalability

- 1 platform for 2 products
- 18 Gbps of firewall throughput, scalable to 36 Gbps
- Conversion to SN-M-Series-920 with software option



Adaptability and modularity

- Copper and fiber interfaces (2.5GbE and 10GbE) and network expansion capabilities
- Service continuity through redundant power supply
- Integration with telecom racks in existing infrastructures



All-in-one equipment

- VPN IPsec and intrusion prevention
- High availability
- Interactive reports to facilitate risk mitigation



NEXT GENERATION UTM
& FIREWALL

MEDIUM-SIZE
ORGANISATIONS

WWW.STORMSHIELD.COM

TECHNICAL SPECIFICATIONS

PERFORMANCE*

Firewall throughput (1,518 byte UDP)	18 Gbps
IPS throughput (1,518 byte UDP)	10 Gbps
IPS throughput (1 MB HTTP)	5 Gbps
Antivirus throughput	3 Gbps

VPN*

IPSec throughput - AES-GCM	4 Gbps
Max number of IPSec VPN tunnels	1,000
Number of SSL VPN clients in portal mode	300
Number of simultaneous SSL VPN clients	300

NETWORK CONNECTIVITY

Max number of simultaneous sessions	1,000,000
Number of new sessions/sec.	50,000
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 ¹ -6
Optional network extension modules (8 ports 10/100/1000 - 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
TPM chip	✓
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, 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) - 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.

¹ Requires transceivers