STORMSHIELD

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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

TECHNICAL SPECIFICATIONS

PERFORMANCE*

Firewall throughput (1,518 byte UDP)	**36 Gbps**
IPS throughput (1,518 byte UDP)	**16 Gbps**
IPS throughput (1 MB HTTP)	**9 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	**2¹-6**
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**
MTBF at 25 °C (years)	**21.4**
Size	**1U -19"**
Height x Width x Depth (mm)	**44.45 x 440 x 343**
Weight	**4.93 kg (10.86 lbs)**
Power supply (AC)	**100-240 V 60-50 Hz 4-2 A**
Consumption	**230 V 50 Hz 72 W 0.38 A**
Fans	**2**
Noise level	**62 dbA**
Thermal dissipation (max, BTU/h)	**270**
Operating temperature	**0° to 40 °C (32° to 104 °F)**
Relative humidity when operating (without condensation)	**0% to 90% 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/CB**

¹ *Requires transceivers*

* 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.

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, 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 from data evasion - 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 - Automated configuration backup - Open API - Script recording.

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Non-contractual document. The features mentioned are for version 4.x.