



STORMSHIELD

NETWORK SECURITY

STORMSHIELD SN-S-SERIES-320



Supporting your growth

SD-WAN

CONNECTIVITY

8 Gbps

FIREWALL
PERFORMANCE

2 Gbps

VPN IPSEC
PERFORMANCE

Resiliency

DOUBLE POWER
SUPPLY



Secure communications

With both fibre (1 Gb) and copper (2.5 Gb) connections for enhanced performance, the SN-S-Series-320 integrates seamlessly into existing infrastructure to ensure network connections are protected with peace of mind.

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

Increased performance

- WAN and SD-WAN link management
- 8 Gbps firewall throughput
- 1 x 1 Gb fiber port and 8 x 2.5 Gb copper ports

*option

NEXT GENERATION UTM
& FIREWALL

SMALL BUSINESSES, AGENCIES &
REMOTE OFFICES

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TECHNICAL SPECIFICATIONS

PERFORMANCE*

Firewall throughput (1518 byte UDP)	8 Gbps
IPS throughput (1518 byte UDP)	4 Gbps
IPS throughput (1 MB HTTP)	2 Gbps
Antivirus throughput	1 Gbps

VPN*

IPSec throughput - AES-GCM	2 Gbps
Max number of IPSec VPN tunnels	100
Number of SSL VPN clients in portal mode	100
Number of simultaneous SSL VPN clients	100

NETWORK CONNECTIVITY

Max number of simultaneous sessions	400,000
Number of new sessions/sec.	25,000
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 (kg)	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.

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/NetFlow - Automated configuration backup - 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.