STORMSHIELD

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

*option

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)	**46/42 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**

[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.

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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.

The images in this document are non-contractual.