STORMSHIELD
SN3100
High performance UTM & Next-Generation Firewall

70 Gbps
10 Gbps
4.5 Gbps
Modularity
FIREWALL PERFORMANCE
IPSEC PERFORMANCE
ANTIVIRUS PERFORMANCE
COPPER AND FIBER INTERFACES

Performance and security
With throughput that can reach 70 Gbps, look no further for better value and performance to secure next generation traffic.

Peace of mind
- High availability
- RAID disks
- Hot-swappable dual power supply and fans

Optimize your infrastructure overheads
- Occupying a compact size (1U)
- Network modularity up to 26 ports

Contextualized security policy
- Protection adapted to the level of risk
- Risks identified per workstation or server
- Interactive reports for an easy risks mitigation strategy
**TECHNICAL SPECIFICATIONS**

**PERFORMANCE**
- Firewall throughput: 70 Gbps
- IPS throughput (1 MBps): 40 Gbps
- IPS throughput (1 MBps HTTP files): 20 Gbps
- Antivirus throughput: 4.5 Gbps

**VPN**
- IPSec throughput - AES128/SHA1: 10 Gbps
- IPSec throughput - AES256/SHA2: 8 Gbps
- Max number of IPSec VPN tunnels: 5,000
- Max number of SSL VPN (Portal mode): 1,024
- Number of simultaneous SSL VPN clients: 500

**NETWORK CONNECTIVITY**
- Concurrent connections: 5,000,000
- New connections per second: 130,000
- Number of main gateways (max)/backup (max): 64/64

**CONNECTIVITY**
- 10/100/1000 interfaces: 2-26
- 10 Gb copper interfaces: 0-12
- 1 Gb fiber interfaces: 0-24
- 10 Gb fiber interfaces: 0-12
- 40 Gb fiber interfaces: 0-6
- Optional extension modules: 3

**SYSTEM**
- Max number of filtering rules: 32,768
- Max number of static routes: 10,240

**REDUNDANCY**
- High Availability (Active/Passive)
- Redundant SSD: RAID 1
- Redundant power supply (hot swappable)
- Redundant ventilation (hot swappable)

**HARDWARE**
- Local storage: 256 GB SSD
- Big Data option (local storage): 1TB SSD
- MTBF at 25°C (years): 19.9
- Rack mounting: 1U - 19" 
- Height x Width x Depth (mm): 44.45 x 443 x 610
- Weight: 9.86 kg (21.74 lbs)
- Power supply (AC): 100-240V 60-50Hz 5-3A
- Power supply 48V (option): 36-72VDC 12-6A
- Power consumption (max): 230V 50Hz 141W 0.7A
- Fan: 3
- Thermal dissipation (max, BTU/h): 481
- Operational temperature: 0° to 40°C (32° to 104°F)
- Relative humidity, operating (without condensation): 0% to 95% @ 40°C (104°F)
- Storage temperature: -30° to 65°C (-22° to 149°F)
- Relative humidity, storage (without condensation): 5% to 95% @ 60°C (140°F)

**CERTIFICATIONS**
- Compliance: CE/FCC/CB

**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.

**PROTECTION FROM THREATS**
- Intrusion detection and prevention - Protocols autodetection and compliancy check - Application inspection - Protection from denial of service attacks (DoS) - Protection from SQL injections - Protection from Cross-Site Scripting (XSS) - Protection from malicious Web2.0 code and scripts (Clean & Pass) - Trojan detection - Detection of interactive connections (botnets, Command&Control) - Protection from data evasion - Advanced management of fragmentation - Automatic reaction to attack (notification, quarantine, block, QOS, dump) - 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 on the European territory (option).

**CONFIDENTIALITY**
- 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) - Support for Android/iPhone IPSec VPN.

**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 authentication (including internal LDAP) - Explicit proxy - Policy-based routing (PBR) - GoS management - DHCP client/relay/server - NTP client - DNS proxy-cache - HTTP proxy-cache - LACP management - Spanning-tree management (RSTP/MSTP).

**MANAGEMENT**

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**MANAGEMENT**

**Non-contractual document.** The features mentioned are those in version 3.x.
- Performance is measured in a laboratory and under conditions ideal for version 3.x. Results may vary according to test conditions and the software version.
- **IP size:** 60% (48 bytes) ~ 25% (494 bytes) ~ 15% (1500 bytes).

The images of this document are non-contractual.