STORMSHIELD SN2100

High performance UTM & Next-Generation Firewall

50 Gbps
FIREWALL PERFORMANCE

8 Gbps
VPN IPSEC PERFORMANCE

3.2 Gbps
ANTIVIRUS PERFORMANCE

Modularity
COPPER AND FIBER INTERFACES

Performance and security
With throughput that can reach 50 Gbps, look no further for better value and performance in a network protection appliance.

Modularity
- Adapt the configuration to your network
- Anticipate your needs
- Mix copper and fiber (1GbE, 10GbE or 40GbE) interfaces

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

Compliance with regulations
- Log and report access complies with GDPR
- Log storage

* Optional
**TECHNICAL SPECIFICATIONS**

**PERFORMANCE**
- Firewall throughput (1518 byte UDP) 50 Gbps
- Firewall throughput (IMIX++) 23 Gbps
- IPS throughput (1518 byte UDP) 30 Gbps
- IPS throughput (1 MB byte HTTP files) 17 Gbps
- Antivirus throughput 3.2 Gbps

**VPN**
- IPSec throughput - AES128/SHA1 8 Gbps
- IPSec throughput - AES256/SHA2 6 Gbps
- Max number of IPSec VPN tunnels 5,000
- Max number of SSL VPN (Portal mode) 1,024
- Number of simultaneous SSL VPN clients 400

**NETWORK CONNECTIVITY**
- Concurrent connections 2,500,000
- New connections per second 100,000
- Number of main gateways (max)/backup (max) 64/64

**CONNECTIVITY**
- 10/100/1000 interfaces 2-26
- 10Gb 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) Option
- Redundant power supply (hot swappable) Option
- Redundant ventilation (hot swappable) Option

**HARDWARE**
- Local storage 256 GB SSD
- Big Data option (local storage) 1 TB SSD
- MTBF at 25°C (years) 19
- Racking 1U - 19"
- Height x Width x Depth (mm) 44.45 x 443 x 610
- Weight 9.38 kg (20.68 lbs)
- Power supply (AC) 100-240V 60-50Hz 5A-3A
- Power supply 48V (option) 36-72VDC 12-6A
- Power consumption (max) 230V 50Hz 124W 0.61A
- Fan 3
- Thermal dissipation (max, BTU/h) 423
- 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/CE

**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, SSL 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 compliance 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 (botsnets, 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 - Layer 7 management - Spanning-tree management (RSTP/MSTP).

**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).