



STORMSHIELD

NETWORK SECURITY

STORMSHIELD SN2000

High performance UTM & Next- Generation Firewall



30 Gbps

FIREWALL
PERFORMANCE

5 Gbps

IPSEC
PERFORMANCE

3.2 Gbps

ANTIVIRUS
PERFORMANCE

Modularity

COPPER AND FIBER
INTERFACES

⚡ Performance and security

With throughput that can reach 30 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 or 10GbE) interfaces

🔄 Up the bandwidth of your network links

- Manage multiple links (balancing, ailoover),
- LACP

📄 Compliance with regulations

- Logs and reports access complies with GDPR
- Log storage
- Legal archiving



COMMON
CRITERIA



COMMON
CRITERIA



EU
RESTRICTED



NATO
RESTRICTED

NEXT GENERATION UTM
& FIREWALL

BUSINESSES
& LARGE ORGANIZATIONS

WWW.STORMSHIELD.COM

TECHNICAL SPECIFICATIONS

PERFORMANCE*

| | |
|-------------------------------------|----------|
| Firewall throughput (1518 byte UDP) | 30 Gbps |
| Firewall throughput (IMIX**) | 11 Gbps |
| IPS throughput (1518 byte UDP) | 20 Gbps |
| IPS throughput (1 MByte HTTP files) | 12 Gbps |
| Antivirus throughput | 3.2 Gbps |

VPN*

| | |
|--|--------|
| IPSec throughput - AES128/SHA1 | 5 Gbps |
| IPSec throughput - AES256/SHA2 | 4 Gbps |
| Max number of IPSec VPN tunnels | 5,000 |
| Max number of SSL VPN (Portal mode) | 1,024 |
| Number of simultaneous SSL VPN clients | 200 |

NETWORK CONNECTIVITY

| | |
|--|-----------|
| Concurrent connections | 2,000,000 |
| New connections per second | 90,000 |
| Number of main gateways (max)/backup (max) | 64/64 |

CONNECTIVITY

| | |
|--|-------|
| 10/100/1000 Interfaces | 10-26 |
| 1Gb fiber interfaces | 0-16 |
| 10Gb fiber interfaces | 0-8 |
| Optional interfaces (8 ports 10/100/1000 - 4 or 8 ports 1Gb SFP - 4 ports 10Gb SFP+) | 2 |

SYSTEM

| | |
|-------------------------------|--------|
| Max number of filtering rules | 32,768 |
| Max number of static routes | 10,240 |
| Max number of dynamic routes | 10,000 |

REDUNDANCY

| | |
|-------------------|---|
| High Availability | ✓ |
|-------------------|---|

HARDWARE

| | |
|---|------------------------------|
| Local storage | 128 GB SSD |
| Racking | 1U - 19" |
| Height x Width x Depth (mm) | 44.5 x 443 x 560 |
| Weight | 8.6 kg (19 lbs) |
| Packaged Height x Width x Depth (mm) | 184 x 710 x 573 |
| Packaged weight | 15.6 kg (34.4 lbs) |
| Power supply (AC) | 100-240V 60-50Hz 3.5-1.5A |
| Power consumption | 230V 50Hz 174W 0.95A |
| Fan | 3 |
| Operational temperature | 0° to 40°C (32° to 104°F) |
| Relative humidity, operating (without condensation) | 20% to 90% @ 40°C |
| Storage temperature | -30° to 65°C (-22° to 149°F) |
| Relative humidity, storage (without condensation) | 5% to 95% @ 60°C |

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) - QoS management - DHCP client/relay/server - NTP client - DNS proxy-cache - HTTP proxy-cache - LACP management - Spanning-tree management (RSTP/MSTP).

MANAGEMENT

Web-based management - Interface with privacy mode (GDPR compliancy) - Object-oriented security policy - Contextual security policy - Real-time configuration helper - Rule counter - Multiple installation wizards - Global/local security policy - Embedded log reporting and analysis tools - Interactive and customizable reports - Support for multiple syslog server UDP/TCP/TLS - SNMP v1, v2c, v3 agent - IPFIX/NetFlow - Automated configuration backup - Open API - Script recording.

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).