



STORMSHIELD

NETWORK SECURITY

STORMSHIELD SN2100

High performance UTM & Next-Generation Firewall



60 Gbps

FIREWALL
PERFORMANCE

10 Gbps

IPSEC VPN
PERFORMANCE

7 Gbps

ANTIVIRUS
PERFORMANCE

Modularity

COPPER AND FIBER
INTERFACES



COMMON
CRITERIA

⚡ Performance and security

With throughput that can reach 60 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

NEXT GENERATION UTM
& FIREWALL

BUSINESSES
& LARGE ORGANIZATIONS

WWW.STORMSHIELD.COM

TECHNICAL SPECIFICATIONS

PERFORMANCE*

| | |
|-------------------------------------|-----------|
| Firewall throughput (1518 byte UDP) | 60 Gbps |
| Firewall throughput (IMIX**) | 19.2 Gbps |
| IPS throughput (1518 byte UDP) | 35 Gbps |
| IPS throughput (1 MByte HTTP files) | 20 Gbps |
| Antivirus throughput | 7 Gbps |

VPN*

| | |
|--|---------|
| IPSec throughput - AES-GCM | 10 Gbps |
| IPSec throughput - AES256/SHA2 | 6 Gbps |
| Max number of IPSec VPN tunnels | 3,000 |
| Max number of SSL VPN (Portal mode) | 1,024 |
| Number of simultaneous SSL VPN clients | 1,000 |

NETWORK CONNECTIVITY

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|--|-----------|
| Concurrent connections | 2,500,000 |
| New connections per second | 125,000 |
| 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 (Dual speed) | 0-12 |
| 40 Gb fiber interfaces | 0-6 |
| Optional extension modules (8 ports 10/100/1000 - 4 ports 10Gb copper - 8 ports 1Gb fiber - 4 ports 10Gb fiber - 2 ports 40Gb fiber) | 3 |

SYSTEM

| | |
|--|----------------|
| Number of rules (recommended / specific configuration) | 8,192 / 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) | ✓ |

HARDWARE

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|---|------------------------------|
| Local storage | 256 GB SSD |
| Large Storage 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 12-6 A |
| 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/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) - Agent based multi-user VDI authentication (Citrix-TSE)- Guest and sponsorship mode authentication, webservices.

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 against evasion techniques - 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) - Multicast - 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 - 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 helper - Rule counter - Connected or disconnected security updates - 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 - Automated configuration backup - Open API - Script recording.

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Non-contractual document. The features mentioned are those in version 4.x.

* Performance is measured in a laboratory and under conditions ideal for version 4.7. 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.