



STORMSHIELD

NETWORK SECURITY

STORMSHIELD SN160

Unified security



1 Gbps

FIREWALL
PERFORMANCE

200 Mbps

IPSEC VPN
PERFORMANCE

260 Mbps

ANTIVIRUS
PERFORMANCE

1+4 ports

10/100/1000
INTERFACES



Opt for the best unified security

The most comprehensive security features on the market: intrusion prevention system, firewall, application control, VPN, vulnerability management, antivirus, antispam, web filtering, etc.



Guaranteed privacy

- IPSec VPN and intrusion prevention
- Access management



All-in-one device

- Application firewall, intrusion prevention, VPN, antivirus,
- Antispam, web filtering, vulnerabilities management
- Advanced reporting, users tracking



Easy deployment

- Intuitive graphical interface,
- Configuration wizard

NEXT GENERATION UTM
& FIREWALL

SMALL BUSINESSES, AGENCIES &
REMOTE OFFICES

WWW.STORMSHIELD.COM

TECHNICAL SPECIFICATIONS

PERFORMANCE*

| | |
|-------------------------------------|----------|
| Firewall throughput (1518 byte UDP) | 1 Gbps |
| IPS throughput (1518 byte UDP) | 1 Gbps |
| IPS throughput (1 MByte HTTP files) | 400 Mbps |
| Antivirus throughput | 260 Mbps |

VPN*

| | |
|--|----------|
| IPSec throughput - AES-GCM | 74 Mbps |
| IPSec throughput - AES256/SHA2 | 200 Mbps |
| Max number of IPSec VPN tunnels | 50 |
| Max number of SSL VPN (Portal mode) | 20 |
| Number of simultaneous SSL VPN clients | 5 |

NETWORK CONNECTIVITY

| | |
|--|---------|
| Concurrent connections | 150,000 |
| New connections per second | 7,500 |
| Number of main gateways (max)/backup (max) | 64/64 |

CONNECTIVITY

| | |
|------------------------|--------------------|
| 10/100/1000 Interfaces | 1+4 ports (Switch) |
|------------------------|--------------------|

SYSTEM

| | |
|--|---------------|
| Number of rules (recommended / specific configuration) | 1,024 / 4,096 |
| Max number of static routes | 512 |
| Max number of dynamic routes | 1,000 |

REDUNDANCY

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

HARDWARE

| | |
|---|------------------------------|
| Local storage | SD Card storage** |
| MTBF at 25°C (years) | 24.9 |
| Racking | 1U (<1/2 19") |
| Height x Width x Depth (mm) | 45 x 176 x 107 |
| Weight | 0.55 kg (1.25 lbs) |
| Packaged Height x Width x Depth (mm) | 78 x 320 x 200 |
| Packaged weight | 1.2 kg (2.65 lbs) |
| Power supply (AC) | 100-240V 60-50Hz 1.5-0.8A |
| Power consumption | 230V 50Hz 8.4W 0.07A |
| Noise level | Fanless |
| Thermal dissipation (max, BTU/h) | 35 |
| Operational temperature | 5° to 40°C (41° 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) - Agent-based multi-user VDI authentication (Citrix-TSE) - Guest and sponsorship mode authentication, webservice.

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) - 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-cache, SD-WAN, Multifactor Authentication (MFA).

MANAGEMENT

Web-based management - Interface with privacy mode (GDPR compliancy) - 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 - External storage (option) - Open API - Script recording.

.....
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.x. Results may vary according to test conditions and the software version.

** Option.