STORMSHIELD

NETWORK SECURITY

STORMSHIELD
SN710

Business continuity in complex architectures

Fiber	**10 Gbps**	**2.4 Gbps**	**Modularity**
PRODUCT	FIREWALL PERFORMANCE	IPSEC PERFORMANCE	COPPER AND FIBER INTERFACES

⚡ Performance and modularity

Offering 10 Gbps performance, the SN710 is able to adapt to your needs thanks to network modularity that combines port density (up to 16 ports) with 10GE fiber.

Application control

- Dynamic analysis
- Curb the use of dangerous applications or those unrelated to work
- Qualitative approach

Compliance with regulations

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

All-in-one device

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

COMMON CRITERIA CERTIFIED **EAL3+**
COMMON CRITERIA

COMMON CRITERIA CERTIFIED **EAL4+**
COMMON CRITERIA

EU RESTRICTED

NATO OTAN
NATO RESTRICTED

NEXT GENERATION UTM & FIREWALL

MID-SIZE BUSINESSES & LARGE BRANCH OFFICES

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TECHNICAL SPECIFICATIONS

PERFORMANCE*

Firewall throughput (1518 byte UDP)	10 Gbps
IPS throughput (1518 byte UDP)	7 Gbps
IPS throughput (1 MByte HTTP files)	2.6 Gbps
Antivirus throughput	1.6 Gbps

VPN*

IPSec throughput - AES128/SHA1	2.4 Gbps
IPSec throughput - AES256/SHA2	2 Gbps
Max number of IPSec VPN tunnels	1,000
Max number of SSL VPN (Portal mode)	150
Number of simultaneous SSL VPN clients	150

NETWORK CONNECTIVITY

Concurrent connections	1,000,000
New connections per second	40,000
Number of main gateways (max)/backup (max)	64/64

CONNECTIVITY

10/100/1000 Interfaces	8-16
1Gb fiber interfaces	0-4
10Gb fiber interfaces	0-2

SYSTEM

Max number of filtering rules	16,384
Max number of static routes	2,048
Max number of dynamic routes	10,000

REDUNDANCY

High Availability	✔

HARDWARE

Local storage	✔
Log partition	> 200 GB
MTBF at 25°C (years)	15.1
Racking	1U -19"
Height x Width x Depth (mm)	44.45 x 440 x 310
Weight	4.22 kg (9.3 lbs)
Packaged Height x Width x Depth (mm)	142 x 590 x 443
Packaged weight	6.17 kg (13.6 lbs)
Power supply (AC)	100-240V 60-50Hz 3-1.5A
Power consumption	230V 50Hz 37W 0.23A
Fan	2
Noise level	55dbA
Thermal dissipation (max, BTU/h)	145
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 fltering (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 compliant) - 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.

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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.