



THE INVINCIBLE TECHNOLOGY

SMARTGUARD X1- Firewall



XS Infosol Smart Guard X1 Firewall

Firewall Type: Hardware appliance

Features Supported:

- Firewall: Provides Security to your local Network from outside threats. It offers stateful and deep packet inspection for network, application, and user identity-based security. Firewall thus protects organizations from DoS, DDoS, and IP Spoofing attacks.
- Network Address Translation (NAT): Converts Inside local IP address to public IP address.
- Multi-WAN: Allows connecting multiple internet Connections, increasing your company productivity.
- Load Balancing & Failover: With load balancing, traffic from the LAN is shared out on a connection basis.
- VPN – IPSECVPN, OPENVPN (SSL VPN)
- Bandwidth limitation per user or for a particular user.
- Ability to backup and restore the firewall configuration via the web GUI
- VLANs let you have multiple Virtual LANs within the same switch, or set of trunked switches.
- Snort - An open-source network intrusion prevention and detection system (IDS/IPS).
- Auto Config Backup - Automatically backs up the configuration file.
- Graphical dashboard on home to monitor firewall parameters.

Supporting Specifications

NAT (Network Address Translation)

- SDWAN Ready, WAN link load balancing, Traffic
- Shaping, Dynamic Router Protocol Support
- Port Address Translation (PAT)

Performance

- IPsec VPN
- SSL VPN
- Concurrent VPN tunnels: 500
- VPN throughput: 5 Gbps
- Firewall throughput: 5 Gbps
- New sessions per second: 60,000
- Concurrent connections: 1.5 million
- Intrusion Prevention System (IPS)
- Signature-based IPS engine
- Over 3,000 built-in IPS signatures
- Custom IPS signatures
- IPS throughput: 5 Gbps

Latency

- 12 microseconds

- "DPI/SSL Inspection concurrent connection: 300000 (MIN)"
- "DPI SSL/SSL Inspection connections per second:30,000"

Web Control

- Threat Prevention throughput: 5 Gbps
- Over 3,000 built-in application signatures
- Application bandwidth management

Interfaces & Connectivity:

- "Port: (minimum) 2 x 10GbE SFP+ Port, 6x1 GbE copper
- Port, 1 no console port & 1 no USB port with firewall from Day 01(One)"
- High availability (Active/Passive)

Supported Topologies:

- Layer 2 (transparent) firewall
- Layer 3 (routed) firewall

Hardware configuration:

- Intel(R) Celeron(R) J4125 CPU @ 2.00GHz
Current: 2000 MHz, Max: 2001 MHz
4 CPUs: 1 package(s) x 4 core(s)
AES-NI CPU Crypto: Yes (inactive)
QAT Crypto: No
RAM: 8 GB
SSD: 256 GB

Extra ports:

- DB9 serial console port, two USB 3.0 ports, VGA port

Management:

- Web user interface
- Command-line interface
- REST API
- Centralized management platform

Form Factor:

1U Rackmount