

## GATEPROTECT NETWORK PROTECTOR-S101 NEXT GENERATION FIREWALL

gateprotect NP-S is the turnkey solution for all network security and management needs of small companies or branch offices. It is no harder to set up than your home router, yet offers complete protection for environments with up to 100 users.

gateprotect NP addresses all current and emerging network threats in a holistic manner that combines application identification, traffic management, anti-virus and malware filter, intrusion prevention system (IPS) and web filtering. The appliance uses a purpose-built highly parallelized, context-aware, single-pass engine that allows multiple actions to be performed on the network traffic simultaneously while tracking each session's context.

This single-pass engine uses the combined intelligence of comprehensive signature databases for hundreds of applications, thousands of threats and millions of URLs to provide maximum network protection without compromising firewall throughput.



Security  
made  
in  
Germany

| Specifications                            | NP-S101           |
|---|-------------------|
| <b>Interfaces</b>                         |                   |
| Ports (GigE + 10G + Mgmt)                 | 5 + 0 + 1         |
| <b>System Performance<sup>1</sup></b>     |                   |
| Firewall throughput <sup>2</sup> (MBit/s) | 1 700             |
| VPN throughput <sup>3</sup> (MBit/s)      | 600               |
| UTM throughput <sup>4</sup> (MBit/s)      | 600               |
| Concurrent sessions                       | 70 000            |
| New sessions per second                   | 17 000            |
| Max. no. of zones                         | 25                |
| <b>Properties</b>                         |                   |
| HA <sup>5</sup>                           | ✓                 |
| <b>Dimensions</b>                         |                   |
| H x W x D (mm)                            | 44 x 426 x 320    |
| Weight (kg)                               | 4.5               |
| <b>Power</b>                              |                   |
| Input Voltage (V)                         | 90 – 240          |
| Full load power consumption (W)           | 100               |
| <b>Environmental</b>                      |                   |
| Operating temperature (°C)                | 0 – 40            |
| Operating humidity                        | 5 – 85 % at 40 °C |
| <b>Hardware Certification</b>             |                   |
|   | FC CE UL          |

<sup>1</sup> System performance depends on application level and number of active VPN connections.

<sup>2</sup> pass\_all rule / <sup>3</sup> IPsec S2S / <sup>4</sup> UTM: all features enabled (IPS, malware, web filter, AppSigs) / <sup>5</sup> only active-passive

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Future products or functions will be made available at an appropriate time.

## FUNCTIONS

### Feature Specifications

#### UNIFIED THREAT MANAGEMENT

##### Web Filter

- Part of the unique Single Pass Engine
- Block rules up to user level
- Blacklists / Whitelists
- Category based website blocking
- Granular filters based on http protocol decoding
- Symantec patterns

##### Application Control

- Part of the unique Single Pass Engine
- Layer 7 Packet filter (DPI)
- Filter applications and protocols
- Detection & control of applications and protocols like Skype, Bittorrent as well as Web 2.0 applications like Facebook
- Protocol decoders for real time access to parameters like content type, cookies
- Ipoque patterns

##### Antivirus

- Part of the unique Single Pass Engine
- HTTP, HTTPS
- FTP, POP3, SMTP
- Manual and automatic updates
- Bitdefender patterns

##### Intrusion Prevention\*

- Part of the unique Single Pass Engine
- Rule groups can be selected
- Exceptions can be defined
- All interfaces are scanned
- DoS, portscan protection
- Malicious network packet protection
- Emerging Threats signatures

#### LAN / WAN SUPPORT

- Ethernet 10/100/1000 MBit/s
- 10 Gigabit Ethernet for L Series
- SFP and SFP+ Fibre optics support for L Series
- Adjustable MTU (Ethernet/DSL)
- PPP-PAP, PPP-CHAP authentication
- Time controlled Internet connections
- Manual and automatic DNS assignment
- DMZ
- Zone based networking

#### VLAN

- 4094 VLAN per interface
- 802.1q ethernet header tagging
- Combinable with bridging

#### Bridge Mode

- OSI layer 2 firewall function
- Two interfaces per bridge
- Combinable with OpenVPN

#### HIGH AVAILABILITY

- Active-passive HA

#### LOGS, REPORTS, STATISTICS

- Logging to multiple syslog servers
- Logs in admin client (with filter)
- IP / User and Zone statistics
- TOP lists
- Application and protocol hit and traffic statistics
- Interface statistics
- Domain statistics
- Rule statistics

#### MANAGEMENT

- Role based firewall administration

#### Ergonomic Graphic User Interface

- Immediate visual feedback for each setting
- Self-explanatory functions
- Supports mobile devices

#### MONITORING

- Network (interfaces, routing, traffic, errors)
- Processes
- VPN

#### TRAFFIC SHAPING / QOS

- Traffic Shaping and Priorisation on per rule basis

#### VPN

- Site-to-Site
- Client-to-Site (Road Warrior)
- PPTP
- OpenVPN
- IPSec

#### IPSec

- Tunnel mode
- IKEv1, IKEv2
- PSK
- DPD (Dead Peer Detection)
- NAT-T
- XAUTH, L2TP

#### SSL

- Bridge mode VPN

#### BACKUP & RECOVERY

- Small backup files
- Automatic and time based backups

#### USER AUTHENTICATION

- Active Directory / LDAP support
- Local User database
- Web-interface authentication
- Captive Portal

\* except gateprotect NP-S50

### YOUR BENEFITS

- Granular application control of network traffic for maximum business security
- Full threat protection feature set: unified policy rules engine for application control, web filter, intrusion prevention system, malware filter and antivirus
- Responsive, open platform GUI for precise security administration anywhere and reduced operational cost
- Performance designed to have all security functions enabled
- Security »Made in Germany«



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