# GPA 300 - Next Generation UTM Solution

The gateprotect GPA 300 Next Generation UTM appliance has been designed for small and medium-sized companies and offices that value reliability and performance. The comprehensive Unified Threat Management of this solution provides for a cost-efficient all-round protection and may be administered quickly and easily thanks to the applied eGUI technology. Powerful security features in the area of anti-virus, Intrusion Prevention, web filter or Application Control offer reliable protection against threats from the Internet. Malware, spam, Trojans, DoS, phishing and other attacks are thus safely defended against. The combination of all defense mechanisms in one device renders costly investments into several separate solutions unnecessary.

The latest hardware is suited for mounting in server cabinets and includes four network interfaces that can be individually configured. Thanks to the high-quality server components, the GPA 300 offers very high transfer rates, assuring comprehensive UTM security combined with high performance even in larger networks.

Likewise, the use of VPN both for the connection of external branches and as an endpoint of a group-wide interconnection of locations may be realized without problems using the GPA 300. Thanks to its flexibility, good performance and the excellent price-performance ratio, the GPA 300 is the best solution for companies and offices that wish to protect their network environments in a comprehensive manner, but at a favorable price.

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| Specifications | GPA 300 |
|---|---|
| **Interfaces** | |
| 1 GbE Ports | 4xRJ45 (front) |
| **System Performance*** | |
| Firewall throughput (MBit/s) | 1 900 |
| VPN IPSec throughput (MBit/s) | 250 |
| UTM throughput (MBit/s) | 180 |
| IPS throughput (MBit/s) | 300 |
| **Dimensions** | |
| H x W x D (mm) | 44 x 426 x 238 |
| Gross Weights (kg) | 3 |
| **Power** | |
| Input Voltage (V) | AC 100-240 |
| Full load power consumption (W) | 41 W |
| **Environmental** | |
| Operating Temperature (°C) | 0 ~ 40 |
| Storage Temperature (°C) | -10 ~ 70 |
| Relative Humidity (Non condensing) | 20 ~ 90 % |

**Hardware Certification**

FC  CE  UL

* System performance depends on application level and number of active VPN connections. We do not offer an express or implied warranty for the correctness /up-to-dateness of the information contained here (which may be changed at any time). Future products or functions will be made available at appropriate time.

gateprotect AG Germany has been a leading, globally acting provider of IT security solutions in the area of network security for more than ten years. These solutions comprise Next Generation UTM Firewall with all commonly used UTM functionalities, managed security as well as VPN client systems.

Reputable companies and institutions in more than 80 countries worldwide trust gateprotect as their partner for IT network security. Since 2010, gateprotect has been listed in the renowned "Gartner Magic Quadrant" for UTM firewall appliances. For the easy operability and comprehensive security of the Next Generation UTM Firewall solutions, gateprotect was the first German company to be honored with the Frost & Sullivan Excellence Award.

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# gateprotect®

## FEATURE OVERVIEW
## Next Generation UTM Appliances

The Next Generation UTM Appliances from gateprotect are characterized by optimal scalability, security and performance.
Thanks to a unique and patented eGUI® Technology, gateprotect sets standards when it comes to the configuration of modern security systems.

gateprotect's eGUI® Technology raises operating security and efficiency to a previously unattained level. Furthermore, gateprotect is the only manufacturer worldwide to implement the ISO NORM 9241 standard. gateprotect was recently honored with the Frost & Sullivan Best Practices Award 2011.

**FROST & SULLIVAN**
**2011** BEST PRACTICES AWARD
GLOBAL UNIFIED THREAT MANAGEMENT
PRODUCT DIFFERENTIATION EXCELLENCE AWARD

*"gateprotect provides UTM products that stand-out from the competition due to their ease-of-use and security effectiveness. The gateprotect ergonomic graphical user interface (eGUI) provides the most intuitive and effective visual UTM management interface available in the marketplace."*

**Frost & Sullivan, August 2011**

## Feature Specifications

### MANAGEMENT

- Role based Firewall Administration
- SSH-CLI
- Desktop configuration saved / restored separately from backup
- Object oriented firewall configuration
- Direct Client Update function

**eGUI® technology**

**Ergonomic Graphic User Interface**
- ISO 9241 compliant
- Immediate visual feedback for each setting
- Self-explanatory functions
- Overview of all active services
- Overview of the whole network
- Layer and zoom function

### USER AUTHENTICATION

- Active Directory / OpenLDAP support
- Local User database
- Web-interface authentication
- Windows-client authentication
- Single sign on with Kerberos
- Single- and Multi login
- Web Landing page

### TRAFFIC SHAPING / QOS

- Multiple Internet connections separately shapeable
- All services separately shapeable
- Maximum and guaranteed bandwidth adjustable
- QoS with TOS-flags support
- QoS inside VPN connection support

### HIGH AVAILABILITY

- Active-passive HA
- State synchronization
- Single and Multiple dedicated links support
- Stateful Failover

### BACKUP & RECOVERY

- Small backup files
- Remote backup & restore
- Restore backup on installation
- Automatic and time based backups
- Automatic upload of backups on FTP- or SCP-Server
- USB Drive recovery option

### LAN / WAN-SUPPORT

- Ethernet 10/100 MBits/s
- Gigabit Ethernet
- MTU changeable (Ethernet/DSL)
- PPP-PAP, PPP-CHAP authentication
- Inactivity timeout / Forced disconnect time
- xDSL
- Multi WAN support
- WAN failover
- Loadbalancing
- Time controlled internet connections
- Manual and automatic DNS assignment
- Multiple dynDNS support
- Source based routing
- Routing protocols RIP, OSPF
- DHCP
- DMZ

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

**Bridge-mode**
- OSI-Layer 2 firewall function
- Spanning tree (bride-ID, port-cost)
- Unlimited interfaces per bridge
- Combinable with VPN-SSL

### LOGS, REPORTS, STATISTICS

- Email Reporting
- Logging to multiple syslog-servers
- Logs in admin-client (with filter)
- Export to CSV-files
- IP and IP-group statistics
- Separate services
- Single user / groups
- TOP-lists (Surfcontrol)
- IDS- / Traffic-statistics
- Application Control traffic statistics
- Antivirus- / Antispam-statistics
- Defence statistics

### MONITORING

- System Info (CPU, HDD, RAM)
- Network (interfaces, routing, traffic, errors)
- Processes
- VPN
- User Authentication

**SNMP**
- SNMPv2c
- SNMP-traps
- HA*

### UNIFIED THREAT MANAGEMENT

**Web-filter**
- URL-Filter with safe search enforcement
- Content Filter
- Block rules up to user-level
- Black-/ White lists
- Import / Export of URL lists
- File Extension blocking
- Category based website-blocking
- Self definable categories
- Scan technology with online-database
- Intransparent HTTP-proxy support

**Application Control**
- Layer 7 Packet filter (DPI)
- Filter Applications instead of ports
- Detection & Control of Skype, Bittorrent and others as well as Web 2.0 Applications like Facebook

**Antivirus**
- Kaspersky Anti-Virus Engine
- Complete Protection from all malware
- HTTP, HTTPS
- FTP, POP3, SMTP
- Exceptions definable
- Manual and automatic updates

**VPN**
- VPN wizard
- Certificate wizard
- Site-to-Site
- Client-to-Site (Road Warrior)
- PPTP
- Export to One-Click-Connection

**X.509 certificates**
- CRL
- OCSP
- Multi CA support
- Multi Host-cert support

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

**SSL**
- Routing mode VPN
- Bridge mode VPN
- TCP/UDP
- Specify WINS- and DNS-Servers

**Antispam**
- Scan-level adjustable
- Real-time Spam Detection
- GlobalView Cloud using Recurrent Pattern Detection (RPD)
- Mail Filter
  - Black- / White lists
  - Automatically reject/delete emails
  - AD Email address import

**Intrusion Prevention**
- Individual custom rules
- Security-level adjustable
- Rule groups selectable
- Exceptions definable
- Scanning of all interfaces
- DoS, portscan protection
- Malicious network packet protection

**Proxies**
- HTTP (transparent or intransparent)
- HTTPS
- Support for Radius server, AD server, local user database
- FTP, POP3, SMTP, SIP
- Time-controlled

### COMMAND CENTER

- Monitor & Active Configuration of 500+ firewalls
- Central Configuration and Monitoring of VPN Connections
- Single and group backup
- Plan automatic backup in groups
- Single and group update & licensing
- Create configuration templates and apply on multiple firewalls
- Certificate Authority
- Certificate based 4096 bit encrypted connections to the firewalls
- Display settings of all firewalls
- Role based User Management

**SC MAGAZINE RECOMMENDED**

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