

AGNIGATE

AAA NEXTGEN FIREWALL



Datasheet – AGNIGATE-GPZ1000



Key Features

- Integrated Router
- Multi LAN/WAN connection
- Auto Load Balancer
- Auto Fail Over
- AAA User Management
- SPI Firewall
- Geo IP Filter
- Web Security
- Application Filter
- Content Filter
- Email Security
- Gateway Level Antivirus
- Intrusion Prevention System
- Intrusion Detection System
- Real-time traffic monitoring
- HTTPS Interception
- Live Network Sniffers
- Audit Compliance
- VPN - SSL/IPSec
- Quality of Service
- SD WAN for Multi Branches
- Quality based link Failover
- Real time Traffic Analyzer
- HotSpot for all brand Wi-Fi AP
- High Availability Support
- Active-Active & Active passive
- Alerts via Email / SMS
- DDNS/SNMP/Remote sys log
- Inbuilt Logs & Reports
- Daily Logs & Config via Email

For complex enterprise Data Center Network with highest demands in terms of throughput, High Availability, flexibility and failure safety, the AngiGate GPZ1000 AAA NextGen Firewall appliance is a reliable, easy-to-use choice. The extensive combination of state-of-the-art security features from the areas of anti-virus, Intrusion Prevention, web filter, Application Control and GEO IP Control provides for comprehensive protection against complex network threats internally and externally. Thanks to the applied AAA hotspot user management technology, even complex, multi-layered IT systems may be administered quickly and easily. The result: A maximum level of security and reliability.

AGNIGATE GPZ1000 is designed keeping in mind the requirement of pay as you grow model which is most required for the current market conditions.

Compared to the other product's AgniGate moved one step ahead of providing a comprehensive solution to meet customer IT needs on seamless failover between the private cloud and alternate Internet connection, secure branch connectivity with 100% uptime and remote manageability coupled with 2x scalability.

AGNIGATE GPZ1000 scalability feature ensures 60% saving on capex cost on new AAA NGFW Firewall purchase when the organization grows 2x on their user numbers. Inbuilt logs and elaborated reports on every configured features make AGNIGATE GPZ1000 not just a AAA NGFW Firewall box, instead it is informative, proactive on security breaches, easy to use and provides complete control of the network.

In addition to AAA NextGen Firewall features, GPZ Series are equipped with AAA Hotspot features for individual user control on both wired and wireless network. It's supports 4G/5G USB dongles and hotspot along with multiple wired internet connections for auto failover and load balancing.

AGNIGATE GPZ1000 Series are versatile, scalable, robust and rack mountable.

SECURITY



AgniGate has been a leading, globally acting provider of IT security solutions in the area of cyber security for more than six years. These solutions comprise AAA Next Generation All in One Firewall includes all features of UTM /WAF/AAA HotSpot/VPN Gateway/ SD WAN & Router with all commonly used network functionalities, managed security as well as VPN client systems.

Reputable companies and institutions in more than 60 countries worldwide trust AgniGate as their partner for IT network security. Since 2014, AgniGate is the first "AAA NextGen Firewall" and it's famous for their unique features and stability. For the easy operability and comprehensive security of the AAA Next Generation Firewall solutions, AgniGate has been proudly making in India since its inception.

All core technologies used in our products are developed in-house at our Bengaluru R&D office. This strong focus on R&D has uniquely positioned the company as a leading manufacturer of cybersecurity equipment in India.

AGNIGATE

AAA NEXTGEN FIREWALL



Performance Parameters	AGNIGATE -GPZ1000
Concurrent Sessions	2,10,00,000
New Sessions/sec	3,90,000
Firewall Throughput (Gbps)	45
GAV Throughput (Gbps)	24
IPS Throughput (Gbps)	30
VPN Throughput (Gbps)	18
IPsec VPN Peers	Unlimited
Site to Site SSL VPN	5/500
IPv6 Ready	Yes
Firewall Policies	Unlimited
Inbound NAT connection	Unlimited
Local User Database	Unlimited
IP/Mac based filter rule*	Yes
MAC-IP-Interface binding	Yes
Licensed LAN Users	Unlimited
User Management AAA Hotspot	Yes

Technical Specifications	
Gigabit Ethernet Ports (Optional)	8x1G Copper (1xLAN + 7xLAN/WAN)
Expansion Slots 4 (Optional)	Per Slot- (4x1G Copper/4x1G SFP/8x1G Copper/8x1G SFP/2x10G Copper/2x10G SFP+/ 4x10G Copper /4x10G SFP+, 2x40G QSFP)
Redundant - HDD (Raid)	Yes
IPMI - Remote management	Yes
USB / Console Port	2/1 Port
Form Factor	2U Rackmount
Color	Red or Black
Power Supply	600W Hot Swappable Redundant Power Supply Units
Input Voltage	AC 100~240
Operating Temperature	0-40°C
Storage Temperature	-20~70° C
Relative Humidity	5~95%, non-condensing
Regulatory Compliance	CE Class A, FCC Class A, RoHS
Warranty & Support	1 Year / 3 Years / 5 Years

All specification and photos are subject to change without prior notice.

1.Maximum throughput performance is measured under ideal test conditions using industry standard performance test tools. 2. Firewall UDP throughput performance is based on RFC 2544 guidelines. 3.All Performance value are upto or rough guide line only and vary depending on system configuration. 3. IPS throughput(http) measured using default IPS rule set and 512KB object size. 4.VPN throughput measured using multiple tunnels with 512KB response size. 5.Testing done with multiple flows through multiple port pairs. + If all slots populated.

Ordering Information

AGNIGATE-GPZ1000 -Y	4x1G Copper/4x1G SFP/8x1G Copper/8x1G SFP/2x10G Copper/2x10G SFP+/ 4x10G Copper /4x10G SFP/ 2x40G QSFP Ports device includes AV/CF/AS/IDS/IPS/AAA/HW Warranty subscription with "Y" Support.
Y = Subscription years options with warranty: 1 Year or 3 Years or 5 Years	

AgniGate Assured 24/7 Support: 1800 572 6097

AgniGate Products come with direct OEM /National Distributor/ Reseller support by trained Professionals for product configuration and support. AGNI helps Customer on security best practices to make the network hacker free and more reliable



www.agnigate.com

AgniGate Products:

AAA NextGen Firewall | AAA HotSpot | ISR Router | VPN Gateway | SD WAN | Bandwidth Aggregator | Wi-Fi6 AP

Sales & Support Network:

South East Asia | USA | Middle East
Europe | Africa | Australia
sales@agnigate.com | support@agnigate.com
Tech support Toll free 1800 572 6097

AGNIGATE

AAA NextGen Firewall | AAA HotSpot | SD WAN

All-in-One AAA NextGen Security appliance

Includes all features of UTM/WAF/AAA HotSpot/VPN Gateway/ SD WAN & Router etc.

AgniGate designed and priced to meet the needs of smaller and Enterprise organizations, it allow organisations to deploy comprehensive security quickly and easily. It Includes the standard security features and Different Variants AAA Hotspot across the models.



SecurITy
made
in
India

FEATURE OVERVIEW

- Router
- NGFW Firewall
- IDS & IPS
- Gateway Antivirus
- Anti-Spam
- Email Security
- Web Content Filtering
- Application Filter
- Geo Filter
- AAA Hotspot User Management
- HA (Active-Active or Active-Passive Support)
- QoS / Bandwidth Management
- Multi WAN Uplinks
- SD WAN
- Auto Fail Over & Load Balance
- Policy Based Routing
- IPSec & SSL VPN
- 2G/3G/4G LTE/5G USB dongle support
- Real Time Netflow
- Seamless Failover with MPLS/LL/BB Lines
- Triple Factor Authentication with VPN
- Smart View Dashboard
- User Friendly GUI
- Inbuilt HTTPS Interception
- Inbuilt Analyzer
- Live User Access Restrict
- 78 logs & 22 Reports
- 23 Debug Commands
- Alerts via Email / SMS
- Admin User Management
- Ethernet LAG
- Ethernet Port Management
- Config Page Log Report
- Daily Config Backup via Email & FTP
- AAA HotSpot Support any Brand access point

Firewall

- Stateful Packet Inspection
- Zone-based access control list
- IP / Mac / Port based filtering
- Access scheduling
- Source NAT & NetMAP NAT
- MAC-IP - Interface Binding

Web Security

- Application proxy with Web cache
- Transparent Proxy (HTTP & HTTPS)
- Trusted Domains / URL / Wild Card Support
- Content Filtering based on Weighted Phrase
- Inbuilt Web Category Database
- Mime Type / File extension filter support
- Custom category upload support
- Pornographic image blocking
- Force Safe search
- Anti Malware Scanning of Web traffic
- Unlimited Policies & users creation
- Group Based Web Access Policies
- Internal / External authentication servers support
- Web Authentication
- Port control on web traffic
- Schedule based Access control with Multi-Time Intervals
- User / Group identity Based Bandwidth Management
- Private browsing support for management team
- Download & Upload Limit Control
- Complete and detailed report on browsing including Connections details
- CIPA Compliant

Application Filter

- Allow or Deny Application like

Whatsapp, Facebook,

Instagram, Hike, Viber,

Wechat, IMO chat, Line,

Skype, Twitter, Youtube,

Google Play, Google Drive,

Windows Updates, etc.,

Mail Security & Gateway Antispam

- Transparently intercept mail via SMTP/POP3
- Filter based on message header, size, sender, Recipient
- Blacklist/white list support
- RBL / CBL / SBL Lookup, MIME header check
- Bayesian filter
- Image-spam filtering
- Spam tag support

Networking / Routing

- Routing Mode / Bridge (Transparent) Mode
Policy routing based on Zone, IP and Port
- Static & Dynamic* routing, RIP, OSPF, BGP and MPLS
- Multicast Routing
- IP Passthrough with bypass firewall option
- VLAN support on both WAN & LAN
- Proxy ARP support on both WAN & LAN
- MAC address clone support on both WAN & LAN
- Virtual Interface (IP Alias)
- DHCP & DNS server support on per LAN & Zone based
- DDNS support per interface wise (WAN & VPN Interface)

Intrusion Detection & Prevention

- Protect over 30000+ attack
- Automatic signature updates
- Protocol anomaly detection and protection
- Traffic anomaly detection and protection
- Flooding detection and protection
- DoS/DDoS protection
- Support for custom rule upload

AAA Hotspot

- Authentication | Authorisation | Accounting
- Time Based | Usage Based | Bandwidth Control
- AD | LDAP | PMS | Browser | Device Login
- User Name, Password | IP | Mac | Multiple IP Control
- White List | Black List Management | Guest Login
- Co Work with Any Access Points
- Voucher Management | Usage Plan Management
- Template Management | Beyond Control
- Traffic Analyser | Logs & Reports
- Support OTP and Social Media login

Gateway Anti-virus

- Support Kaspersky* and ClamAV AntiVirus
- HTTP/FTP/SMTP/POP3/IMAP4 protocol support
- Automatic Virus signature database update
- No file size limitation
- Blacklist / whitelist support
- Block by file/MIME types

Traffic Management

- Quality of Service (QoS)
- IPSec & Secure SSL Client
- Encryption Algorithm - 3DES, AES
- Authentication Algorithm: SHA-1/MD5
- Support Key Exchange - IKE, Manual Key, PKI
- Perfect forward secrecy (DH Group 2,5)
- Dead Peer Detection support
- VPN Failover / Connection redundancy
- IPSec NAT Traversal
- Auto Reconnect VPN
- Interop with other IPSec devices
- FQDN support (Dynamic IP support)

System Management

- Three levels of users - Admin, Operator/Monitor
- Admin User management to create user login with preset permission Employee
- Multiple users login
- Google Authentication login
- Web UI (HTTP and HTTPS)
- Commandline interface (Console)
- Configuration Backup & Rollback
- Firmware upgrade via web GUI
- SNMP (v1/v2/v3)

Multi ISP Link & Load Balance

- Support for Multiple ISP (WAN) Uplinks
- 2G/3G/4G/5G USB dongle support (WAN)
- Multi WAN auto failover / fallback
- Multi WAN Load Balancing
- Packet loss and RTA based link quality Failover
- Inbound Link Load Balance
- WRR Based Load Balance

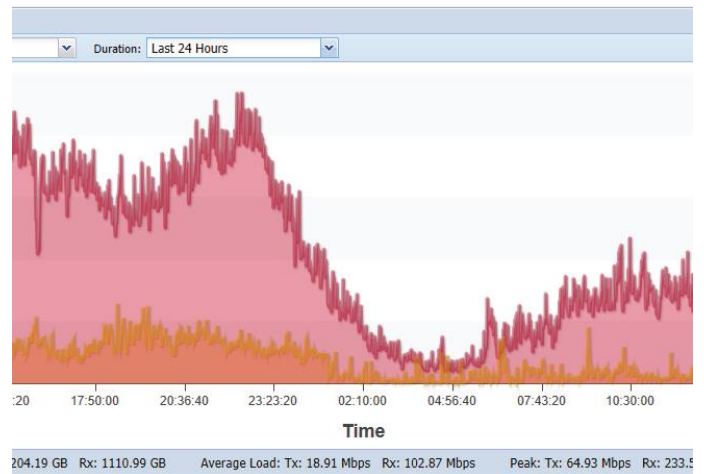
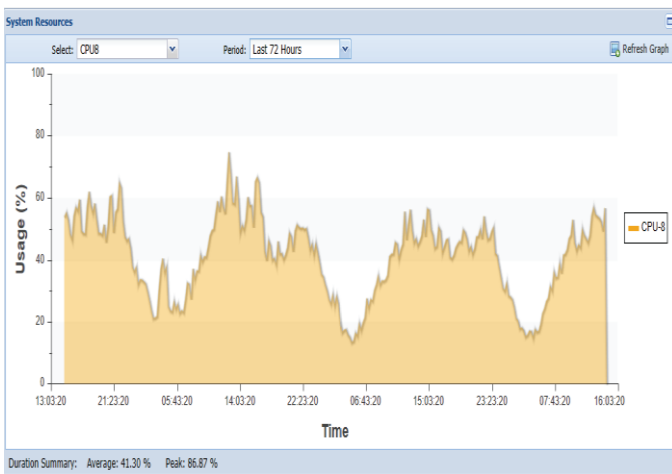
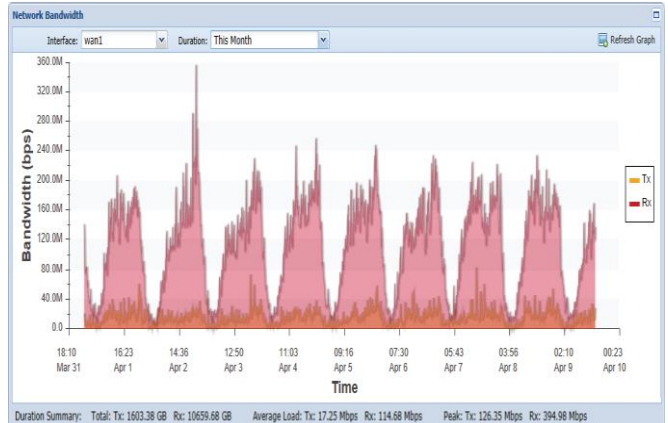
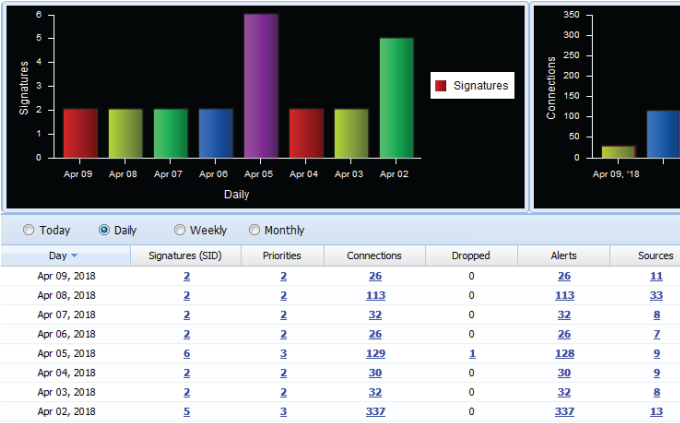
VPN

- IPSec & Secure SSL Client
- WireGuard Crypto VPN and ToW Control
- Encryption Algorithm - 3DES, AES etc.
- Authentication Algorithm: SHA-1/MD5
- Support Key Exchange - IKE, Manual Key, PKI
- Perfect forward secrecy (DH Group 2,5)
- Dead Peer Detection support
- VPN Failover / Connection redundancy
- IPSec NAT Traversal
- Auto Reconnect VPN
- Interop with other IPSec devices
- Support IP, Mac and OTP Authentication
- FQDN support (Dynamic IP support)

Logging / Monitoring

- Comprehensive local logging
- On-Appliance Reporting
- Email Alert - Multiple Mail Id
- Remote Syslog support
- Real-Time traffic monitoring
- Live network Meter
- Built-in daily report
- Graphical Bandwidth Report (based on Time, Date, Week and Month)
- Exportable formats - PDF, Excel
- Network Tools - IPTrac, TCP Dump
- Security Reports for Suspicious Activities
- Graphical real-time and historical Monitoring
- Log Viewer - 20 different kinds of logs including System boot log, Firewall log, IDS/IPS, VPN, Web proxy logs, Antivirus/Anti spam, System and Admin events, IM activities Log...
- Remote Management

Reports Sample Images



AAA Hotspot Variants for AGNIGATE Series

1. Default Version (Shipped with all Appliances)
2. Office Version
3. Hospitality Version
4. Educational Version

Free Inbuilt Analyzer for life Time

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