

## Datasheet - AGNIGATE 3000E



### 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 Analyser for Logs & Reports**
- **Daily Logs & Config via Email**

For complex large enterprise network with highest demands in terms of throughput, flexibility and failure safety, the AngiGate 3000E 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 3000E 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 3000E 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 3000E 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, 3000 Series are equipped with AAA Hotspot features for individual user control on both wired and wireless network. It's supports 3G/4G USB dongles and hotspot along with multiple wired internet connections for auto failover and load balancing.

AGNIGATE 3000E 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.



Performance Parameters	AGNIGATE 3000E
Concurrent Sessions	21 Million
New Sessions/sec	3,60,000
Firewall Throughput (Gbps) (IPv4/IPv6)	60
Firewall IMIX(Gbps)	51
NGFW Throughput (Gbps)	36
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

Hardware Specification	
Gigabit Ethernet Ports	2x 10 GE SFP+ Slots, 4x 10 GE SFP+ Slots, (1 x LAN + 5 x LAN/WAN)
NIC Slots 4 (Optional)	4x1G Copper/4x1G SFP/8x1G Copper/8x1G SFP/2x10G Copper/2x10G SFP+/ 4x10G Copper /4x10G SFP+/2x40G QSFP
RAM	16GB (D)/32GB (O)/64GB (O) 128 (O) 256 (O)
Local Storage	250 / 480 / 960 GB SSD
USB / Console Port / HA / MGMT	2/1/1/1 Port
Form Factor	1U Rackmount
System Dimensions (WxHxD)	438x44x550mm
Weight	5.8 kg
Cooling Systems	3 x System cooling fans
Display	1 x VGA
Redundant Power Supplies (Hot Swappable)	Optional
Power Supply	220 W Single PSU
Input Voltage	90~264V@47~63Hz
Operating Temperature	0-50°C
Storage Temperature	(- 20 ~ 70° C)
Relative Humidity	5~95%, non-condensing
Regulatory Compliance	CE Class A, FCC Class A, RoHS2, ISO 9001/27001/15408

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

1.Maximum throughput performance e 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 3000E-H-Y	4x1G Copper/4x1G SFP/8x1G Copper/8x1G SFP/2x10G Copper/2x10G SFP+/ 4x10G Copper /4x10G SFP+/2x40G QSFP Ports device includes IDS/IPS/AAA BHS/WAF/CF/AS/AV/GIF / HW Warranty subscription with "H" Variant and "Y" Support.
H = AAA Hotspot Variants options: Default HotSpot (DHS), Office Hotspot (OHS), Hospitality Hotspot (HHS), Educational Hotspot (EHS).	
Y = Subscription years options: 1 Year or 3 Years or 5 Years	

### AgniGate Assured Support

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

### Sales & Support Network:

South East Asia | USA | Middle East

Europe | Africa | Australia

sales@agnigate.com | support@agnigate.com

# 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 allows 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 & URL Filter
- Web Application Filter
- Geo Filter
- AAA Hotspot User Management
- HA (Active-Active or Active-Passive Support)
- QoS / Bandwidth Management
- Multi WAN Uplinks
- SD WAN
- SDWAN Centralise Console\*
- Auto Fail Over & Load Balance
- Policy Based Routing
- IPSec & SSL VPN
- DNS Security
- Safe Search Engine
- Zero-day Protection
- 2G/3G/4G LTE/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
- Real-time SSL inspection (including TLS 1.3)
- Live User Access Restrict
- EDL Integration for URL and IP
- Custom IPS/IDS Signature support
- Config Change Report
- 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 URL Database more than 30 million
- 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, Viber, WeChat, IMO chat, Line, Skype, Twitter / X, 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, 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 – DES, 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 USB dongle support (WAN)
- Multi WAN auto failover / failback
- Multi WAN Load Balancing
- Packet loss and RTA based link quality Failover
- Inbound Link Load Balance
- WRR Based Load Balance

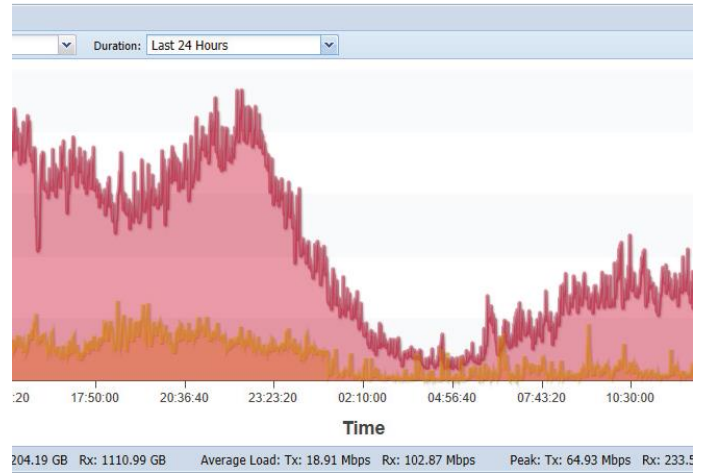
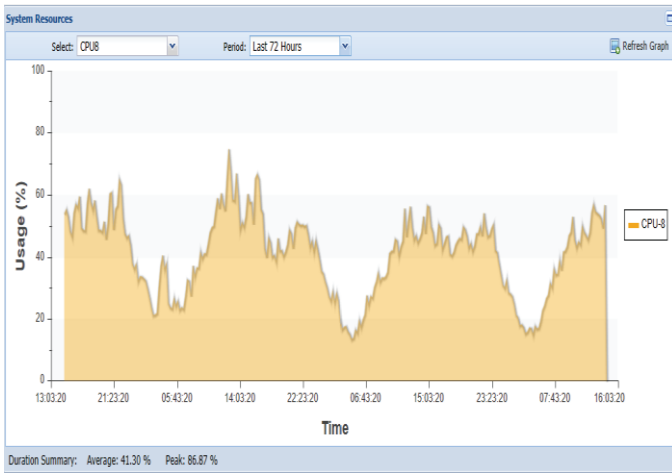
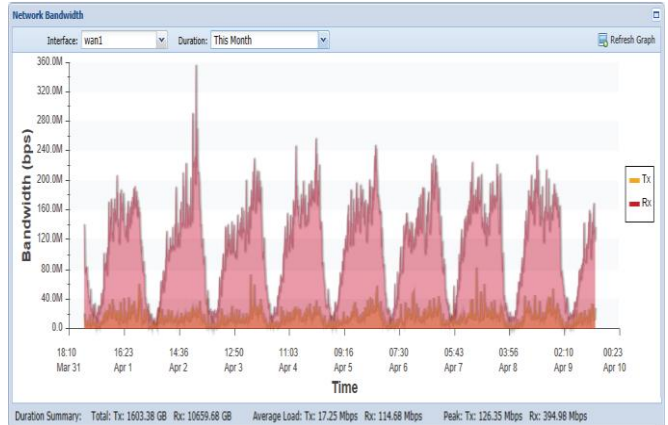
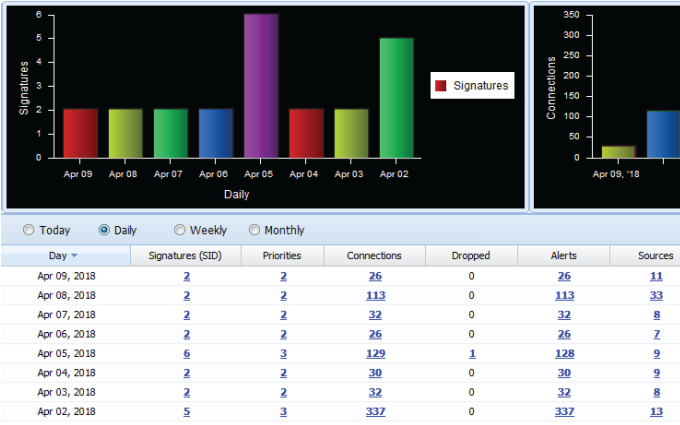
## VPN

- 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

## AgniGate Assured Tech-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



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