

# Barracuda Email Security Gateway

Complete Protection from Email-Borne Threats



Today's IT professionals need **a comprehensive email security solution to block email-borne attacks** that also provides additional features needed to ensure business continuity—at one affordable price.

- Security
- Storage
- Application Delivery

## The Barracuda Advantage

- Free Cloud Protection Layer providing:
  - Email spooling up to 96 hours
  - Inbound email filtering
- Barracuda Real-Time Protection
- Outbound email filtering for DLP
- Cloud-based encryption included free of charge
- Configuration backup to the cloud
- Preconfigured for quick deployment
- No per-user or per-server fees

## Product Spotlight

- Industry-leading spam and virus defense for email
- Protection from data loss and reputation damage
- Advanced Threat Detection<sup>1</sup> to protect against ransomware and other advanced threats
- Advanced, granular policy management
- Also available as a virtual appliance and on public cloud platforms (Amazon Web Services and Microsoft Azure)



### Comprehensive Protection for the Long Term

The Barracuda Email Security Gateway includes spam and virus blocking, data protection, email continuity, DoS prevention, encryption, and policy management—combined to deliver a complete solution. As new requirements emerge, it is automatically updated with new capabilities to ensure continuous protection.



### Complete Email Threat Protection

The Barracuda Email Security Gateway provides multi-layer security, email continuity, and data leakage prevention. Advanced Threat Detection<sup>1</sup> combines behavioral, heuristic, and sandboxing technologies to protect against zero-hour, targeted attacks and ransomware.



### Affordable and Easy to Use

Fast, easy set-up and simple, intuitive management keep time and resource needs low. The integration of the Barracuda Cloud Protection Layer and no per-user fees make it easy and very affordable to scale capacity as your business grows.

## Barracuda Cloud Protection Layer filters and spools inbound email traffic.



*Virus and inbound/outbound filtering at an affordable price. If it wasn't for the Barracuda Email Security Gateway, we most likely wouldn't be filtering at all, due to the high costs of other vendors' per-user pricing structures.*

Shane Henszey  
IT Manager  
U.S. Vision, Inc.

## Technical Specs

### Comprehensive Protection

- Spam and virus filtering
- Cloud Protection Layer
- Prevents spoofing, phishing, and malware
- Denial of Service (DoS/DDoS) protection
- Directory harvest protection
- Outbound email filtering

### DLP & Reputation Loss

- Maintain compliance
- Prevents reputation loss and blacklisting
- Pre-defined filters (e.g., HIPAA, credit card, and U.S. Social Security Numbers)

### Advanced Policy Control

- IP and content-based filtering
- Bulk email categorization
- Content encryption
- Sender/recipient filtering
- RBL and DNSBL support
- Keyword blocking
- Character-set blocking
- Reverse DNS blocking
- URL pattern and category blocking
- TLS encryption policy
- Secondary authentication

### Sender Authentication

- SPF and DomainKeys
- Emailreg.org
- Invalid bounce suppression

### Spam Filter

- Rate control
- IP reputation analysis
- Fingerprint and image analysis
- Rules-based scoring algorithms
- Barracuda Anti-Fraud Intelligence

### Virus Filter

- Triple-layer virus blocking
- Integrated Exchange AV Agent
- Decompression of archives
- File type blocking
- Barracuda Antivirus Supercomputing Grid
- Advanced Threat Detection<sup>1</sup> to protect against ransomware, zero hour and targeted attacks.

## System Features

### Administrators

- Web-based interface
- User account administration
- Reports, graphs, and statistics
- LDAP interface
- Multiple domain support
- Secure remote administration
- Delegated domain administration
- Delegated help desk role
- Email spooling
- Configure backup to cloud

### End Users

- User-based filtering
- Individual spam scoring
- Personal allow and block lists
- End-user quarantine and digest emails
- Outlook
- Bayesian analysis

## Support Options

### Barracuda Energize Updates

- Standard technical support
- Hourly spam definition updates
- Barracuda Reputation Databases
- Fingerprint and intent analysis definitions
- Hourly virus definition updates

### Instant Replacement Service

- Replacement unit shipped next business day
- 24/7 technical support
- Hardware refresh every four years

## Hardware Features

### Connectors

- Standard VGA
- PS/2 keyboard/mouse
- Ethernet (see chart below)

### Virtual Appliance

- Hardened OS
- Seven models to choose from
- Common hypervisor support including: VMware ESX and Workstation, Oracle VirtualBox, Citrix Xen, and Microsoft Hyper-V

MODEL COMPARISON	100*	200	300*	400*	600*	800*	900*	1000*
<b>CAPACITY</b>								
Active Email Users	1-50	51-500	300-1,000	1,000-5,000	3,000-10,000	8,000-22,000	15,000-30,000	25,000-100,000
Domains	10	50	250	500	5,000	5,000	5,000	5,000
Message Log Storage	8 GB	10 GB	12 GB	24 GB	72 GB	120 GB	240 GB	512 GB
Quarantine Storage			20 GB	60 GB	180 GB	360 GB	1 TB	2 TB
<b>HARDWARE</b>								
Rackmount Chassis	1U Mini	1U Mini	1U Mini	1U Mini	1U Fullsize	2U Fullsize	2U Fullsize	2U Fullsize
Dimensions (in)	16.8 x 1.7 x 9	16.8 x 1.7 x 9	16.8 x 1.8 x 16	16.8 x 1.8 x 16	16.8 x 1.7 x 22.6	17.4 x 3.5 x 25.5	17.4 x 3.5 x 25.5	17.2 x 3.5 x 27.3
Weight (lb)	8	8	11	12.1	26	46	52	52
Ethernet	1 x 10/100	1 x Gigabit	1 x Gigabit	1 x Gigabit	2 x Gigabit	2 x Gigabit	2 x Gigabit	2 x Gigabit
AC Input Current (amps)	1.0	1.0	1.2	1.4	1.8	4.1	5.4	7.2
Redundant Disk Array (RAID)				•	Hot Swap	Hot Swap	Hot Swap	Hot Swap
ECC Memory					•	•	•	•
Redundant Power Supply						Hot Swap	Hot Swap	Hot Swap
<b>FEATURES</b>								
Advanced Threat Detection <sup>1</sup>	•	•	•	•	•	•	•	•
Outbound Email Filtering	•	•	•	•	•	•	•	•
Email Encryption	•	•	•	•	•	•	•	•
Cloud Protection Layer	•	•	•	•	•	•	•	•
MS Exchange/LDAP Accelerator			•	•	•	•	•	•
Per-User Settings and Quarantine			•	•	•	•	•	•
Delegated Help Desk Role			•	•	•	•	•	•
Syslog Support			•	•	•	•	•	•
Clustering & Remote Clustering			•	•	•	•	•	•
Per Domain Settings			•	•	•	•	•	•
Single Sign-On			•	•	•	•	•	•
SNMP/API			•	•	•	•	•	•
Customizable Branding			•	•	•	•	•	•
Per-User Score Settings			•	•	•	•	•	•
Delegated Domain Administration			•	•	•	•	•	•

\* Also available in Vx (Virtual Edition). Specifications subject to change without notice.

<sup>1</sup> Advanced Threat Detection (ATD) is available as an add-on subscription.