Barracuda **Email Security Gateway**

The World's Best Email Security Solution

Barracuda®

Today's IT professionals need **a comprehensive email security solution to block email-borne attacks** while providing the extra features needed to ensure business continuity—at one affordable price.

☑ **Security**
☐ Storage
☐ Application Delivery
☐ Productivity

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
- Long-lasting product that stays ahead of the latest 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.

Fastest Response to New Threats

The experts at Barracuda Central work 24/7 to monitor and block the latest Internet threats. Data from more than 150,000 collection points is analyzed to create and deliver protection against previously unknown threats within minutes of their discovery.

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.

Internet → Cloud Protection Layer (Spooling & Filtering) → **ESG** Barracuda **Email Security Gateway** → Mail Servers

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

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*
CAPACITY								
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
HARDWARE								
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
FEATURES								
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.