

# Barracuda Email Security Gateway

Keep email-borne threats out of your network.

Get comprehensive email gateway security along with advanced capabilities that help you ensure business continuity—whether you host your email on-premises or in the cloud.

Barracuda Email Security Gateway gives you industry-leading protection against spam, viruses, and advanced malware—including zero-day ransomware and other threats when Advanced Threat Protection is enabled. Outbound filtering prevents data loss, and 96-hour email spooling in the Barracuda Cloud ensures continuity in case of email server downtime.

Email Security Gateway is available as a physical or virtual appliance, and in cloud-native versions on Amazon Web Services and Microsoft Azure.

## Comprehensive protection for the long term

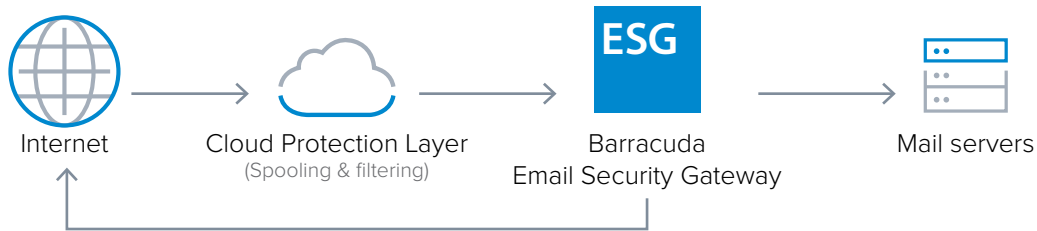
The Barracuda Email Security Gateway includes spam and virus blocking, data protection, email continuity, DoS prevention, encryption, and policy management—combined to deliver a complete solution. As new requirements emerge, it is automatically updated with new capabilities to ensure continuous protection.

## Complete email threat protection

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

## Unmatched ease of use

Fast, easy set-up and simple, intuitive management keep time and resource needs low. The integration of the Barracuda Cloud Protection Layer makes it easy to scale capacity as your business grows.



## Technical specs

### Comprehensive protection

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

### DLP and reputation loss

- Maintain compliance
- Prevents reputation loss and block-listing
- 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 Protection1 to protect against ransomware, zero hour and targeted attacks

### 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

### Total Protection Plus

- Standard technical support
- Advanced Threat Protection
- 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

## Models

	300*	400*	600*	800*	900*
<b>CAPACITY</b>					
Active email users	Up to 1000	1,000-5,000	3,000-10,000	8,000-22,000	15,000-30,000
Message log storage	12 GB	24 GB	72 GB	120 GB	240 GB
Quarantine storage	20 GB	60 GB	180 GB	360 GB	1 TB
<b>HARDWARE</b>					
Rackmount chassis	1U Mini	1U Mini	1U Fullsize	2U Fullsize	2U Fullsize
Dimensions (in)	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
Weight (lb)	11	12.1	26	46	52
Ethernet	1 x Gigabit	1 x Gigabit	2 x Gigabit	2 x Gigabit	2 x Gigabit
AC Input current (amps)	1.2	1.4	1.8	4.1	5.4
Redundant disk array (RAID)		•	Hot Swap	Hot Swap	Hot Swap
ECC memory			•	•	•
Redundant power supply				Hot Swap	Hot Swap
<b>FEATURES</b>					
Advanced threat protection	•	•	•	•	•
Outbound email filtering	•	•	•	•	•
Email encryption	•	•	•	•	•
Cloud Protection layer <sup>2</sup>	•	•	•	•	•
MS exchange/LDAP Accelerator	•	•	•	•	•
Per-user settings and quarantine	•	•	•	•	•
Delegated help desk role	•	•	•	•	•
Syslog support	•	•	•	•	•
Clustering and 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> Limited to providing antispam and antivirus protection for up to 50 email addresses.

<sup>2</sup> Available with Advanced Threat Protection only.

