

# 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 Protection1 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 shippednext business day
- 24/7 technical support
- Hardware refresh every four years

## Hardware f eatures

#### 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*
CAPACITY					
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
HARDWARE					
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 × 3.5 × 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
FEATURES					
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					

 $<sup>^{\</sup>ast}$  Also available in Vx (Virtual Edition). Specifications subject to change without notice



 $<sup>^{\</sup>rm 1}$  Limited to providing antispam and antivirus protection for up to 50 email addresses.

 $<sup>^{\</sup>rm 2}$  Available with Advanced Threat Protection only.