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

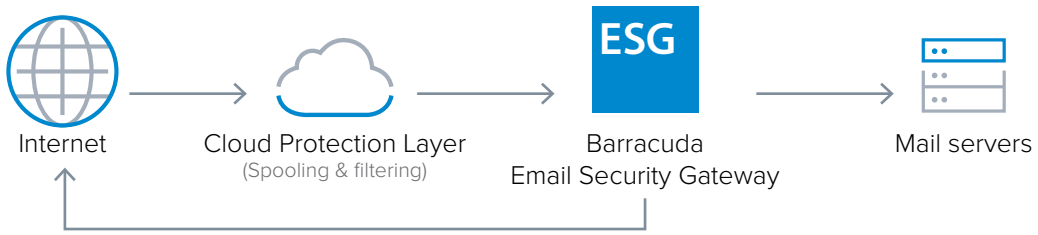
The Barracuda Email Security Gateway includes spam and virus blocking, data protection, email continuity, DoS prevention, encryption, and policy management—combined to deliver a complete solution. As new requirements emerge, it is automatically updated with new capabilities to ensure continuous protection.

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 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
FEATURES					
Advanced threat protection	•	•	•	•	•
Outbound email filtering	•	•	•	•	•
Email encryption	•	•	•	•	•
Cloud Protection layer [2]	•	•	•	•	•
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

[1] Limited to providing antispam and antivirus protection for up to 50 email addresses.

[2] Available with Advanced Threat Protection only.

Barracuda
Your journey, secured.

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