Barracuda **Load Balancer ADC**

Secure Application Delivery Controller for Availability, Acceleration, and Control

Barracuda

- ☑ **Security**
- ☐ Storage
- ☑ **Application Delivery**

Highly demanding enterprise networks require full-featured application delivery that **optimizes application load balancing and performance while providing protection from an ever-expanding list of intrusions and attacks.**

The Barracuda Advantage

- Proven technology that has blocked more than 11 billion real-world attacks
- High-performance platform designed for data centers
- GeoIP-based application control
- Pre-built application templates for rapid deployment
- Available as a virtual appliance

Product Spotlight

- Multiport platform with fiber and copper network interfaces
- Advanced Layer 4 & Layer 7 load balancing
- SSL offloading & application acceleration
- Global Server Load Balancing for application delivery across data centers
- Comprehensive attack protection and Data Loss Prevention

Acceleration

The Barracuda Load Balancer ADC is ideal for optimizing application performance. It offloads compute-intensive SSL transactions from the server, preserving resources for applications. In addition, optimization features such as caching, compression, and TCP pooling enable faster application delivery and ensure scalability.

Availability

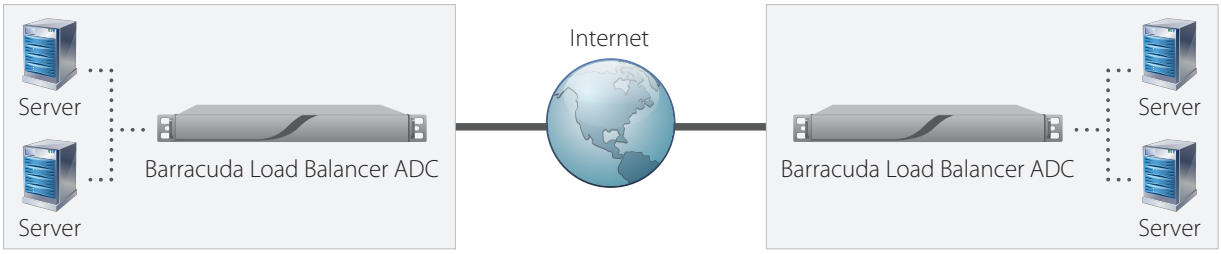
Using health and performance checks, the Barracuda Load Balancer ADC distributes traffic for efficient use of server resources and employs server failover for high availability. Global Server Load Balancing allows redundancy across multiple sites enhancing availability and speeding disaster recovery.

Control

Content routing and content rewrites enable full control of application traffic and customized application delivery based on users, regions, and/or devices. Client controls gives administrators the ability to throttle requests to ensure application availability even during periods of heavy traffic.

Security

Application Security provides superior protection against data loss, DDoS, and all known application-layer attack modalities. Automatic updates ensure comprehensive security for existing and emerging Layer 7 threats such as Cross-site Scripting (XSS), SQL injections (SQLi), and Cross-site Request Forgery (CSRF).



Barracuda has simplified everything. We set up two appliances within four hours, and the solution works great—for a fraction of what our previous solution cost.

Jeff Sharp
Network & Communications Director
Liberty Tax Service

Technical Specs

Availability

Load Balancing:

- Layer 4 & Layer 7 load balancing
- IPv6/IPv4 support
- Active/passive high availability
- Default load balancing
  - Round robin
  - Weighted round robin
  - Least connection
- Adaptive load balancing by CPU load, URL load, and terminal sessions
- Session persistence
- Server health check and monitoring

Global Server Load Balancing:

- By priority, geographic IP, and region
- Health checks between multiple sites

Acceleration

- SSL offloading
- Caching & compression
- TCP connection pooling

Control

- Application traffic
  - Layer 7 content-based routing
  - Request/response rewrite
- Client & user limits
  - Brute-force
  - Rate control
  - GeoIP reputation

Application Security

- Security policies out of the box
- Website cloaking
- Form field metadata violation
- Protection against common attacks
  - OWASP Top 10
  - SQL injections
  - Cross-site Scripting
  - Cookie or form tampering
- Data Loss Prevention (DLP)
  - Credit card & SSN numbers
  - Custom patterns
- Granular policy management

Network Security

- Layer 4 ACL
- VLAN, NAT

Supported Protocols

- HTTP/S
- SSH
- SMTP
- IMAP
- POP3
- NNTP
- ASP
- DNS
- LDAP
- RADIUS
- TFTP
- RDP
- Windows Terminal Services
- Any TCP/UDP application

Management Features

- Centralized management
- Real-time traffic statistics
- Web firewall, access, audit, and system logs
- Certified deployments with third-party applications

Support Options

Energize Updates

- Firmware updates
- Application Security updates
- Standard technical support

Instant Replacement Service

- Replacement unit shipped next business day
- 24x7 technical support
- Hardware refresh every four years

MODEL COMPARISON	240	340*	440*	540*	640*	840*
CAPACITY						
Maximum Throughput	100 Mbps	1 Gbps	1 Gbps	2 Gbps	5 Gbps	10 Gbps
Real Server Support	10	35	50	100	250	500
SSL Offloading/Acceleration		500 TPS	4,000 TPS	6,000 TPS	15,000 TPS	30,000 TPS
HARDWARE						
Rackmount Chassis	1U Mini	1U Mini	1U Mini	1U Mini	1U Fullsize	2U Fullsize
Dimensions (in)	16.8x1.7x9	16.8x1.7x14	16.8x1.7x14	16.8x1.7x14	17.2x1.7x19.8	17.4x3.5 x25.5
Weight (lb)	8	12	12	12	26	46
10/100 Copper Ethernet NICs	2					
1 Gb Copper NICs (std/max)		2/2	2/2	4/4	8/16	8/32
10 Gb Copper NICs (std/max)					0/2	0/6
10 Gb Fiber NICs (std/max)					0/2	0/6
AC Input Current (amps)	1.0	1.2	1.4	1.4	1.8	3.6
FEATURES						
Availability						
Layer 4 Load Balancing	●	●	●	●	●	●
Direct Server Return	●	●	●	●	●	●
Layer 7 Load Balancing		●	●	●	●	●
High Availability Cluster		●	●	●	●	●
Global Server Load Balancing			●	●	●	●
Acceleration						
SSL Offloading		●	●	●	●	●
Content Routing		●	●	●	●	●
HTTP Compression			●	●	●	●
Content Caching			●	●	●	●
Application Security (Optional)						
Inbound Attack Protection				●	●	●
Outbound Data Theft Protection				●	●	●
Protection Against DDoS Attacks				●	●	●

*Select models available as virtualized appliances

Specifications subject to change without notice.