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).

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*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

### Acceleration
- SSL offloading
- Caching & compression
- TCP connection pooling

### 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 & SSH numbers
  - Custom patterns
  - Granular policy management

### Authentication/Authorization
- LDAP
- RADIUS
- Kerberos
- Two-factor authentication

### Network Security
- Layer 4 ACL
- VLAN, NAT

### Global Server Load Balancing:
- By priority, geographic IP, and region
- Health checks between multiple sites
- Barracuda web filter integration

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

### Supported Protocols
- HTTPS
- DNS
- HTTP
- Terminal Services
- Any TCP/UDP application

### Hardware
- Rackmount Chassis:
  - 1U Mini
  - 1U Fullsize
- Dimensions (in):
  - 16.8 x 1.7 x 9
  - 16.8 x 1.7 x 14
  - 16.8 x 1.7 x 14
  - 16.8 x 1.7 x 14
  - 17.2 x 1.7 x 19.8
  - 17.4 x 3.5 x 25.5
- Weight (lb):
  - 8
  - 12
  - 12
  - 12
  - 26
  - 46
- 1G Copper NICS (std/max):
  - 4/1
  - 4/1
  - 8/1
  - 8/16
  - 8/32
- 10G Copper NICS (std/max):
  - 0/2
  - 0/6
  - 0/2
  - 0/6
- 10G 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

#### Application Delivery
- SSL Offloading
- Content Routing
- AD and Kerberos Integration
- HTTP Compression
- Content Caching
- Hardware Based SSL Offloading

#### Application Security
- Inbound Attack Protection
- Outbound Data Theft Protection
- Protection Against DDoS Attacks

### Management Features
- Centralized management
- Real-time traffic statistics
- Web firewall, access, audit, and system logs
- Certificated 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

<table>
<thead>
<tr>
<th>CAPACITY</th>
<th>240</th>
<th>340*</th>
<th>440*</th>
<th>540*</th>
<th>640*</th>
<th>840</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maximum Throughput</strong></td>
<td>100 Mbps</td>
<td>1.2 Gbps</td>
<td>2 Gbps</td>
<td>5 Gbps</td>
<td>5 Gbps</td>
<td>10 Gbps</td>
</tr>
<tr>
<td><strong>Real Server Support</strong></td>
<td>10</td>
<td>35</td>
<td>50</td>
<td>100</td>
<td>250</td>
<td>500</td>
</tr>
<tr>
<td><strong>SSL Offloading/Acceleration</strong></td>
<td>500 TPS</td>
<td>4,000 TPS</td>
<td>6,000 TPS</td>
<td>15,000 TPS</td>
<td>30,000 TPS</td>
<td></td>
</tr>
</tbody>
</table>

### Specifications subject to change without notice.

*Select Models Available as Virtualized Appliances

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