

Barracuda Firewall

Cloud-connected, high-performance next-generation firewall



For comprehensive visibility into network and user activity - and protection from modern attacks—the Barracuda Firewall provides **advanced next-generation firewall capabilities, while optimizing performance with cloud-based content security.**

- ☑ Security
- ☐ Storage
- ☐ Application Delivery
- ☐ Productivity

The Barracuda Advantage

- Integrated cloud-based content filtering
- Unlimited site-to-site and client-to-site VPN licensing
- Easy-to-use web-based administration
- Affordable, all-inclusive pricing
- Cloud-based centralized management

Product Spotlight

- Next-generation perimeter security
- Optimize multiple WAN links
- User visibility and application awareness
- Cloud-based content filtering, malware protection, and reporting
- High-Performance IDS/IPS
- Secure VPN with clients for Windows, Mac, and Linux



Next-Generation Firewall

The Barracuda Firewall uses Layer 7 application visibility and user-identity awareness to enable enforcement of granular access policies. Define policies based on any combination of application, user or group ID, time, and other criteria. Policies can even respond to specific application behaviors or features—for example, allow all employees to use Skype voice, but allow only executives to use Skype video, except after business hours.



Cloud Connected

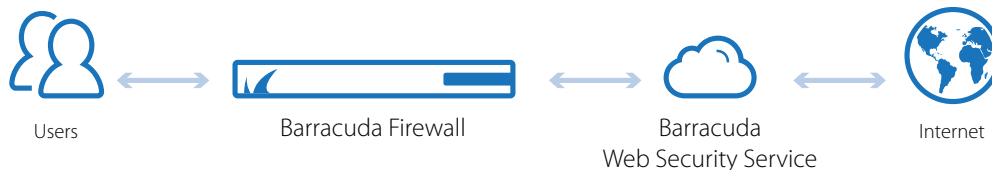
By offloading processor-intensive content filtering and malware protection to the cloud, the Barracuda Firewall ensures that on-premises resources are fully available to deliver next-generation firewall capabilities without impacting throughput. And with effectively unlimited resources available in the cloud, scaling to meet growing needs is easy and transparent.



Affordable and Easy to Use

The Barracuda Firewall is the first firewall appliance to combine the power of next-generation capabilities with the elasticity of the cloud. Unmatched ease of use means there's no need for additional IT staff or special training. And with affordable, all-inclusive pricing, the Barracuda Firewall lets you budget with total confidence that there won't be surprise costs down the road.

Offload resource-intensive content filtering and reporting to the cloud.



Typically, performance decreases as features are enabled. But the Barracuda Firewall has provided me with all of the features I need, while improving overall network performance.

*Chris Wade
Network Administrator
Township of West Windsor*

Technical Specs

Firewall

- Stateful packet forwarding
- Full user-identity awareness
- Intrusion Prevention (IPS)
- Application Control and enforcement (including subtypes)
- DoS/DDoS denial of service protection
- NAT, PAT
- Object-oriented rule sets
- Dynamic rules/timer triggers
- User/group based firewall rules
- High Availability
- ARP security
- Bridging
- Jumbo frame support

User Identity Awareness

- Terminal Server Agent
- Domain Controller Agent
- Full user and group membership awareness
- Authentication via captive portal
- Authentication – supports NTLM, RADIUS, LDAP/LDAPS, Active Directory, local authentication
- Authentication browser for AD and LDAP servers

Infrastructure Services

- DHCP server
- HTTP proxy
- SIP proxy
- DNS cache
- Authoritative DNS
- SNMP support

Traffic Optimization

- Uplink monitoring and aggregation
- Policy routing
- Traffic shaping and QoS
- 7 predefined shaping bands
- Health checks for static links / routes via ICMF

VPN

- Unlimited site-to-site VPN licensing
- Unlimited client-to-site VPN licensing
- Unlimited SSL VPN
- VPNC certified (basic interoperability)
- Supports IPsec, PPTP
- Supports AES-128/256, 3DES, DES, null ciphers
- VPN clients available for Windows, Mac, Linux
- iOS and Android mobile device VPN support

Wi-Fi (on selected models)

- Wi-Fi (802.11n) access point
- Up to three independent wireless networks
- Click-through Wi-Fi portal web page for guest access

Support Options

Barracuda Energize Updates

- Firmware updates
- IPS signature updates
- Application control updates
- Standard technical support

Instant Replacement Service

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

Security Options

Barracuda Web Security

- Optional security subscription for 1, 3, or 5 years
- Category-based Web Filter (online or local)
- Virus protection (online or local)

MODEL COMPARISON	X100	X200	X300	X400	X600
CAPACITY					
Maximum Firewall Throughput ¹	1,000 Mbps	1,900 Mbps	2,100 Mbps	4,000 Mbps	6,000 Mbps
VPN Throughput ²	100 Mbps	200 Mbps	300 Mbps	600 Mbps	800 Mbps
IPS & Application Control Throughput	200 Mbps	300 Mbps	350 Mbps	1,100 Mbps	2,500 Mbps
Max. Concurrent Sessions	8,000	60,000	120,000	300,000	500,000
Max. New Sessions/second	2,000	8,000	12,000	15,000	20,000
Max. Recommended AppDetect Users	100	200	300	500	1,000
Max. Recommended AppDetect & IPS Users	50	100	150	250	500
Max. Recommended AppDetect & IPS & Web Security Users	25	50	100	200	400
HARDWARE					
Form Factor	Desktop	Desktop	1U rack mount	1U rack mount	1U rack mount
Dimensions (in)	10.7 x 7.7 x 1.7	10.7 x 7.7 x 1.7	16.8 x 9.4 x 1.7	16.8 x 15.9 x 1.7	16.8 x 15.9 x 1.7
Weight (lb)	5.1	5.1	7.5	11.3	11.3
Ports	4x1 GbE copper	4x1 GbE copper	6x1 GbE copper	8x1 GbE copper	8x1 GbE copper
Power Supply	Single external	Single external	Single internal	Single internal	Single internal
Integrated Wi-Fi Access Point	X101	X201	-	-	-
3G USB Modem	Optional	Optional	Optional	Optional	Optional
FEATURES					
Firewall	•	•	•	•	•
IPsec VPN (Client-to-site & site-to-site)	•	•	•	•	•
Application Control & Monitoring	•	•	•	•	•
Intrusion Prevention (IPS)	•	•	•	•	•
High Availability	•	•	•	•	•
SSL Interception ^{3,4}	•	•	•	•	•
DHCP Server	•	•	•	•	•
DNS Cache	•	•	•	•	•
Authoritative DNS	•	•	•	•	•
SIP Proxy	•	•	•	•	•
Automatic Uplink Failover	•	•	•	•	•
Uplink Balancing	•	•	•	•	•
Traffic Management & Optimization	•	•	•	•	•
SSL VPN	•	•	•	•	•
Web Security (URL filtering, antivirus)	Optional	Optional	Optional	Optional	Optional
Centrally Manageable	Cloud-based	Cloud-based	Cloud-based	Cloud-based	Cloud-based

¹ Measured with UDP; large packets

³ SSL Interception including IPS requires an active Barracuda Energize Updates subscription

² Measured with AES; MD5

⁴ SSL Interception including virus protection requires an active Web Security subscription.

Specifications subject to change without notice.