



# Barracuda NG Firewall

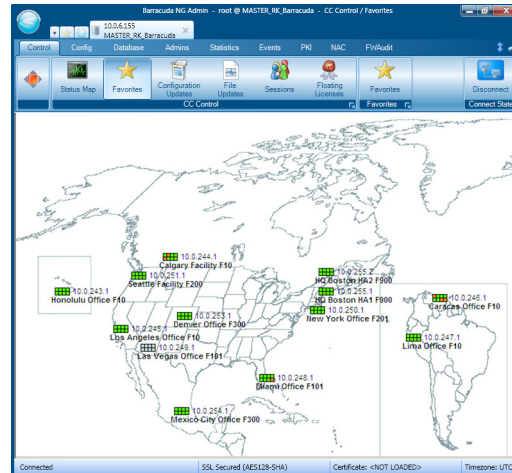
## Next Generation firewall technology for distributed environments

The Barracuda NG Firewall is a family of hardware and virtual appliances designed to protect network infrastructure, improve site-to-site connectivity and simplify administration of network operations. Beyond its powerful network firewall and VPN technologies, the Barracuda NG Firewall integrates a comprehensive set of next generation firewall technologies, including Layer 7 application profiling, intrusion prevention, Web filtering, anti-virus, anti-spam and network access control.

### Central Management Across the Enterprise

With hardware models ranging from the micro branch office up to the large headquarters and datacenters, and a corresponding offering of virtual appliances, the Barracuda NG Firewall is designed for deployment across the entire enterprise. Through the Barracuda NG Control Center, administrators can manage security, content and traffic management policies from a single interface. Centralized management of security and content policy provides a number of benefits, including:

- Consistent security posture and policy enforcement across the enterprise
- Real-time accounting and reporting across multiple gateways
- Comprehensive history and rollback of configuration and policy changes across the network
- Centralized version control of anti-spam, anti-virus, Web filter and network access control updates

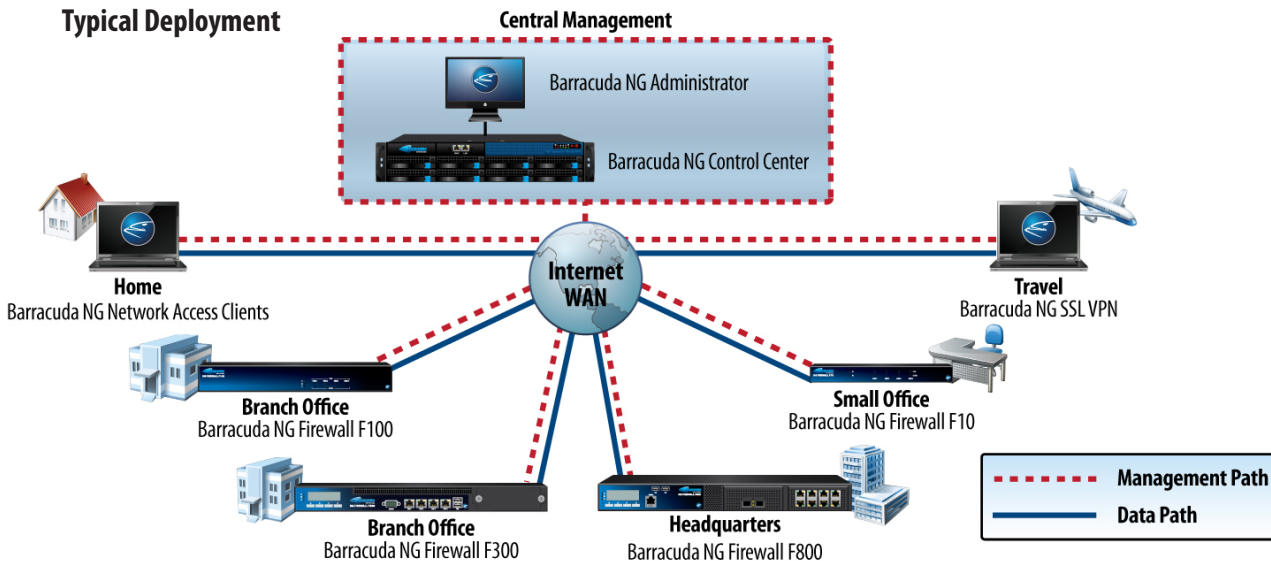


The Barracuda NG Firewall Control Center provides centralized, real-time monitoring.

The Barracuda NG Firewall features intelligent site-to-site traffic management capabilities that optimize both availability and performance of the wide area network. Administrators can control application-level routing and prioritization of traffic across multiple links, tunnels and traffic conditions. Supported link types include dedicated lines, xDSL, 3G wireless mobile networks, and any other link types presented as a copper or optical Ethernet link.

### Stops Threats and Reduces Administrative Overhead

The Barracuda NG Firewall is an application-aware firewall designed to mitigate threats, enforce policies and optimize traffic flow – resulting in ultra reliable WAN links. Centralized management provides visibility of the entire network, reducing administrative overhead.



BARRACUDA NG FIREWALL

MODEL  
F10  
F100  
F200  
F300  
F400  
F600  
F800  
F900



# BARRACUDA NG FIREWALL

## MODEL F10 F100 F200 F300 F400 F600 F800 F900

### PARTIAL FEATURE LIST

#### Firewall / VPN Features

##### FIREWALL

- Stateful packet forwarding
- Transparent proxying (TCP)
- NAT (src,dst,nets), NAPT, PAT
- Object oriented rulesets
- Dynamic rules / timer triggers
- Virtual rule test environment
- Jumbo frame support

##### TRAFFIC MANAGEMENT

- Link monitoring and aggregation
- Policy routing
- Traffic shaping
- On-the-fly flow reprioritization

##### INFRASTRUCTURE SERVICES

- DHCP server, relay
- HTTP, SSH, FTP proxies
- SMTP gateway and spam filter
- Authentication – supports x.509, NTLM, RADIUS, RSA SecurID, LDAP/LDAPS, Active Directory, TACACS

#### PROTOCOL SUPPORT

- IPv4, ARP, IPv6 (2011)
- VoIP (H.323, SIP, SCCP [skinny])
- RPC protocols (ONC-RPC, DCE-RPC)
- 802.1q VLAN
- IPinIP and GRE tunnels
- OSPF/RIP router
- SNMP agent

#### VPN

- PPTP / L2TP (IPSec)
- Supports AES-128/256, 3DES, DES, Null ciphers
- Private CA or external PKI
- IPsec VPN clients for Windows, Mac, Linux
- Application-aware traffic intelligence across sites

#### HIGH AVAILABILITY

- Active-Active<sup>†</sup> or Active-Passive
- Network notification of failover
- Transparent failover without session loss
- Encrypted HA communication

#### Security Options

- Barracuda NG Web Security
  - Barracuda NG Web Filter
  - Barracuda NG Malware Protection
- Barracuda NG Secure Web Proxy (HTTPS traffic inspection option)
- Barracuda NG SSL VPN and NAC
  - Clientless access from Web browsers
  - Network Access Control validates client security access

#### Support Options

##### ENERGIZE UPDATES

- Standard Technical Support
- Firmware updates
- Layer 7 Application definitions for control of more than 800 applications

##### INSTANT REPLACEMENT SERVICE

- Replacement unit shipped next business day
- 24x7 technical support

#### Central Management Options

##### BARRACUDA NG CONTROL CENTER

- Standard Edition
  - 1 configuration grouping
  - Unlimited firewalls
- Enterprise Edition (1 tenant)
  - Single tenant
  - Unlimited configuration groupings
  - Unlimited firewalls
- Global Edition (multi-tenant)
  - Support for 5 tenants included
  - Unlimited configuration groupings
  - Unlimited firewalls
  - Additional tenant licenses available

MODEL COMPARISON	MODEL F10	MODEL F100	MODEL F200	MODEL F300	MODEL F400	MODEL F600	MODEL F800	MODEL F900
<b>CAPACITY*</b>								
Firewall throughput (Mbps)*	136	142	331	331	1,239	2,910	10,478	19,845
VPN throughput (Mbps)**	80	80	269	269	427	487	1,437	2,886
Concurrent sessions	8,000	8,000	70,000	70,000	300,000	300,000	500,000	1,000,000
Web Security Recommended users		10	50-100	50-100	100	250	1000	2000
<b>HARDWARE</b>								
Form factor	Mini	Compact	Compact	1U Rackmount	1U Rackmount	1U Rackmount	1U Rackmount	2U Rackmount
Dimensions (in)	1.2x9.4x6.1	2.0x14.2x7.5	2.0x14.2x7.5	1.8x16.9x13	1.7x16.8x14	1.7x16.8x15.6	1.7x17.0x20.5	3.5x17.4x26.0
Dimensions (cm)	3.0x24.0x15.6	5.0x36.0x19.0	5.0x36.0x19.0	4.5x43.0x33.0	4.3x42.7x35.6	4.4x42.6x39.6	4.4x43.1x52.0	8.8x44.2x66.0
Weight (lbs. / kg)	4.4 / 2.0	7.7 / 3.5	7.9 / 3.6	9.9 / 4.5	12 / 5.4	18.7 / 8.5	28.6 / 13	39.6 / 18
Copper Ethernet NICs	4x10/100	4x10/100	4x10/100	4x10/100	6x1GbE+1x10/100	10x1GbE	8/16x1GbE	0/24x1GbE+110/100
1Gb Fiber SFP NICs (std / max)							0 / 4	0 / 12
10Gb Fiber SFP+ NICs (std/max)							0 / 2	0 / 6
Max Power Draw (Amps)	1.6	1.6	1.6	1.6	1.4	5	5	5
Power supply	Single, external	Single, external	Single, external	Single, external	Single, internal	Single, internal	Single, internal	Dual, internal
Integrated Wi-Fi access point		F101, F103	F201, F203	F301, F303				
3G USB Modem	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
<b>FEATURES</b>								
Firewall	✓	✓	✓	✓	✓	✓	✓	✓
IPS	✓	✓	✓	✓	✓	✓	✓	✓
IPsec VPN	✓	✓	✓	✓	✓	✓	✓	✓
Traffic Intelligence	✓	✓	✓	✓	✓	✓	✓	✓
Layer 7 Application Profiling	✓	✓	✓	✓	✓	✓	✓	✓
Spam Filter	✓	✓	✓	✓	✓	✓	✓	✓
Barracuda NG Web Security		Optional	Optional	Optional	Optional	Optional	Optional	Optional
Barracuda NG SSL VPN and NAC			Optional	Optional	Optional	Optional	Optional	Optional
Barracuda NG Web Filter					Optional	Optional	Optional	Optional
Barracuda NG Malware Protection					Optional	Optional	Optional	Optional
NG Secure Web Proxy						Optional	Optional	Optional

US 1.2 Virtual appliances also sold at 25, 50, 100, 250, 500 and 1,000 user levels. Call for more information.

Specifications subject to change without notice.

\* Firewall performance tested with large packets

\*\* VPN Throughput using AES128, NOHASH

† With external load balancer only.