



Barracuda NextGen Firewall – MSP

Advanced Network Security Made Simple for MSPs

Overview

This powerful turnkey security solution provides robust protection to secure multiple customer networks from advanced threats — all from one centralized management console. Plus, the subscription-based appliance has no upfront fees.

Key Solution Advantages

Optimize the security, performance, and availability of today's SMB networks

- **Centralized control** makes it easy for MSPs to deploy across multiple SMB locations
- **Intelligent traffic regulation** prioritizes critical system performance
- **Template-based configuration** easily enables rapid setup
- **Powerful Advanced Threat Protection (incl. sandboxing)** and dual antivirus engines, combined with IDS/IPS, protect against malware, ransomware, and zero-day exploits



Integrated Next-Generation Security

The Barracuda NextGen Firewall – MSP is designed and built from the ground up to provide comprehensive, next-generation firewall capabilities. Cloud-hosted content filtering and reporting offload compute-intensive tasks to the cloud for greater resource efficiency and throughput. Based on application visibility, user-identity awareness, intrusion prevention, and centralized management, this firewall is the ideal solution for today's connected businesses.

Regaining Control of User Activity

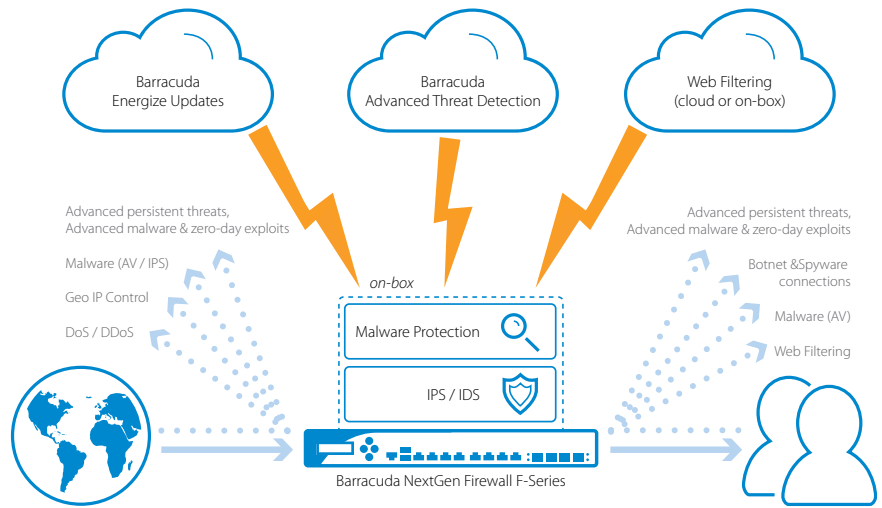
The Barracuda NextGen Firewall – MSP extends security coverage beyond network boundaries and makes it easy to monitor and regulate your customer's network and everything users are doing.





True MSP Readiness

The Barracuda NextGen Firewall – MSP meets MSP requirements for reliable SMB network security and uptime. Integrated WAN optimization and dedicated centralized management of appliances enable you to increase system availability for your customers while keeping administrative time and operation costs low.



Scalable Deployment

With the Barracuda NextGen Control Center, managing multiple Barracuda NextGen Firewalls across many customers takes the same amount of time as managing one. The NextGen Control Center allows MSPs to create pre-configured templates for easy rollout, have access to all the information about the security deployment in real time, and easily generate reports on one or all of their Barracuda NextGen Firewall units.

Expand Your Business

Like all Barracuda MSP offerings, Barracuda NextGen Firewall – MSP is available on an affordable monthly fixed-price basis. This extends the Barracuda MSP Difference, helping you expand your addressable market and revenue potential with no added complexity or capital costs.

Key Features

Advanced Security

Firewall – Application control and granular application enforcement; interception of SSL/TLS encrypted applications

User Identity Awareness – Supports authentication of users and enforcement of user-aware firewall rules; works with a variety of authentication methods including Wi-Fi access point vendors like Aerohive, Aruba, and Ruckus

Intrusion Detection and Prevention – Comprehensive, real-time protection against exploits, threats, and vulnerabilities

Advanced Threat Protection (incl. sandboxing) – Dynamic analysis of malware programs and documents with embedded exploits

Malware Protection – Shields the internal network by scanning web content, emails, and file transfers

Simplified Operations

Fast and Easy Troubleshooting – Real-time information and comprehensive logging capabilities

Easy-to-read Reporting – Enables MSPs to create reports on all deployments or select deployments and have reports built and distributed automatically in a customized layout

Comprehensive Traffic Optimization – Intelligent traffic regulation and tightly integrated Quality of Service (QoS) and link balancing capabilities

Remote Access – Browser-based SSL VPN, dedicated VPN clients, and Network Access clients; remote access app, CudaLaunch, featuring Barracuda's Zero-Touch Deployment





Barracuda NextGen Firewall F-Series Comparison

Model	F18	F80	F180	F280	F380	F400		F600			F800			F900			F1000		
						STD	F20	C10 C20	F10 F20	E20	CCC	CCF	CCE	CCC	CCE	CFE	CE0	CE2	CFE
Capacity																			
Firewall Throughput ^{1,3}	1.0 Gbps	1.35 Gbps	1.65 Gbps	3.0 Gbps	3.8 Gbps	5.5 Gbps	16.3 Gbps ⁴	30.0 Gbps ⁴	35 Gbps ⁴	40 Gbps ⁴									
VPN Throughput ^{2,3}	190 Mbps	240 Mbps	300 Mbps	1.0 Gbps	1.2 Gbps	2.0 Gbps	2.3 Gbps ⁴	7.5 Gbps ⁴	9.3 Gbps ⁴	10 Gbps ⁴									
IPS Throughput ^{1,3}	400 Mbps	500 Mbps	600 Mbps	1.0 Gbps	1.4 Gbps	2.0 Gbps	5.0 Gbps ⁴	8.3 Gbps ⁴	11.3 Gbps ⁴	13 Gbps ⁴									
Concurrent Sessions	80,000	80,000	100,000	250,000	400,000	500,000	2,100,000 ⁴	2,500,000 ⁴	4,000,000 ⁴	10,000,000 ⁴									
New Session/s	8,000	8,000	9,000	10,000	15,000	20,000	115,000 ⁴	180,000 ⁴	190,000 ⁴	250,000 ⁴									
Hardware																			
Form Factor	Desktop				1U rack mount										2U rack mount				
1 GbE Copper Ethernet NICs	4x	4x	6x	6x	8x	8x	8x	12x	8x	8x	24x	16x	16x	32x	16x	8x	16x	32x	16x
1 GbE Fiber NICs (SFP)							4x		4x			8x				8x			16x
10 GbE Fiber NICs (SFP+)										2x			4x		8x	8x	4x	8x	8x
Integrated Switch			8-port	8-port															
Wi-Fi Access Point		•	•	•															
Power Supply					Single		Dual ⁵	Single ⁶	Dual ⁵										
Features																			
Firewall	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Application Control	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
IPS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Dynamic Routing	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
App-based Provider Selection	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
VPN	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SSL Interception	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
WAN Optimization	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Web Filter	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Mail Gateway & Spam Filter			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NextGen Web Filter	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malware Protection ⁷	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Advanced Threat Protection ⁷	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Advanced Remote Access ⁸		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

¹ Measured with large packets (MTU1500) ² VPN throughput using AES128 NOHASH ³ Chassis throughput across multiple ports ⁴ Measured with 10GbE fiber ports
⁵ Internal dual hot swap power supply ⁶ Internal dual hot swap power supply optional ⁷ Including FTP, mail, and Web protocols ⁸ SSL-VPN, personal firewall, CudaLaunch

Note: Specifications subject to change without notice.

▶ ABOUT BARRACUDA MSP

As the MSP-dedicated business unit of Barracuda Networks, Barracuda MSP enables IT managed service providers to offer multi-layered security and data protection services to their customers through our award-winning products and purpose-built MSP platform. Barracuda MSP's partners-first approach focuses on providing enablement resources, channel expertise, and robust, scalable MSP solutions designed around the way managed service providers create solutions and do business. Visit barracudamsp.com for additional information.

