

Barracuda CloudGen Firewall - MSP

Advanced Network Security Made Simple for MSPs

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.

Integrated Cloud-Generation Security

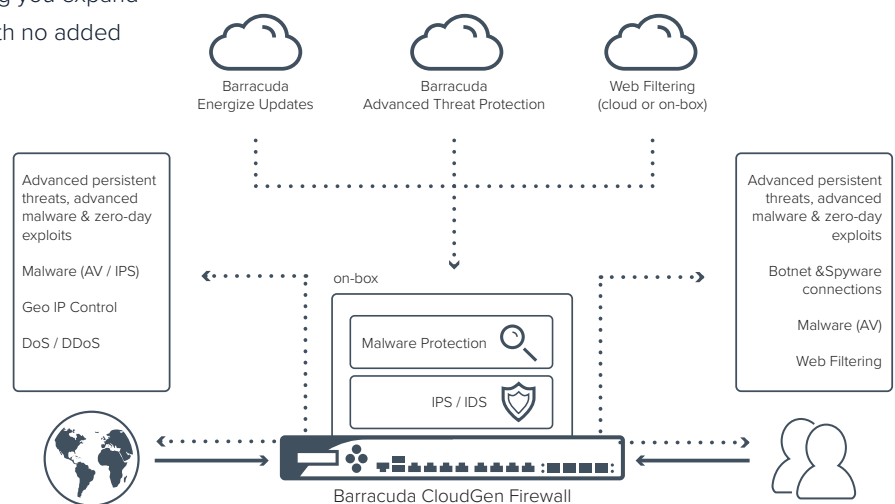
The Barracuda CloudGen Firewall - MSP meets MSP requirements for reliable SMB network security and uptime. Integrated WAN optimization and dedicated centralized management of appliances enable you to increase system availability for your customers while keeping administrative time and operation cost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

Expand Your Business

Like all Barracuda MSP offerings, Barracuda CloudGen 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 cost.

Scalable Deployment

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



Key Features

Advanced Security

Firewall: Application control and granular application enforcement; interception of SSL/TLS encryption 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

Advanced Threat Protection: Dynamic analysis of malware programs and documents with embedded exploits

Simplified Operations

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

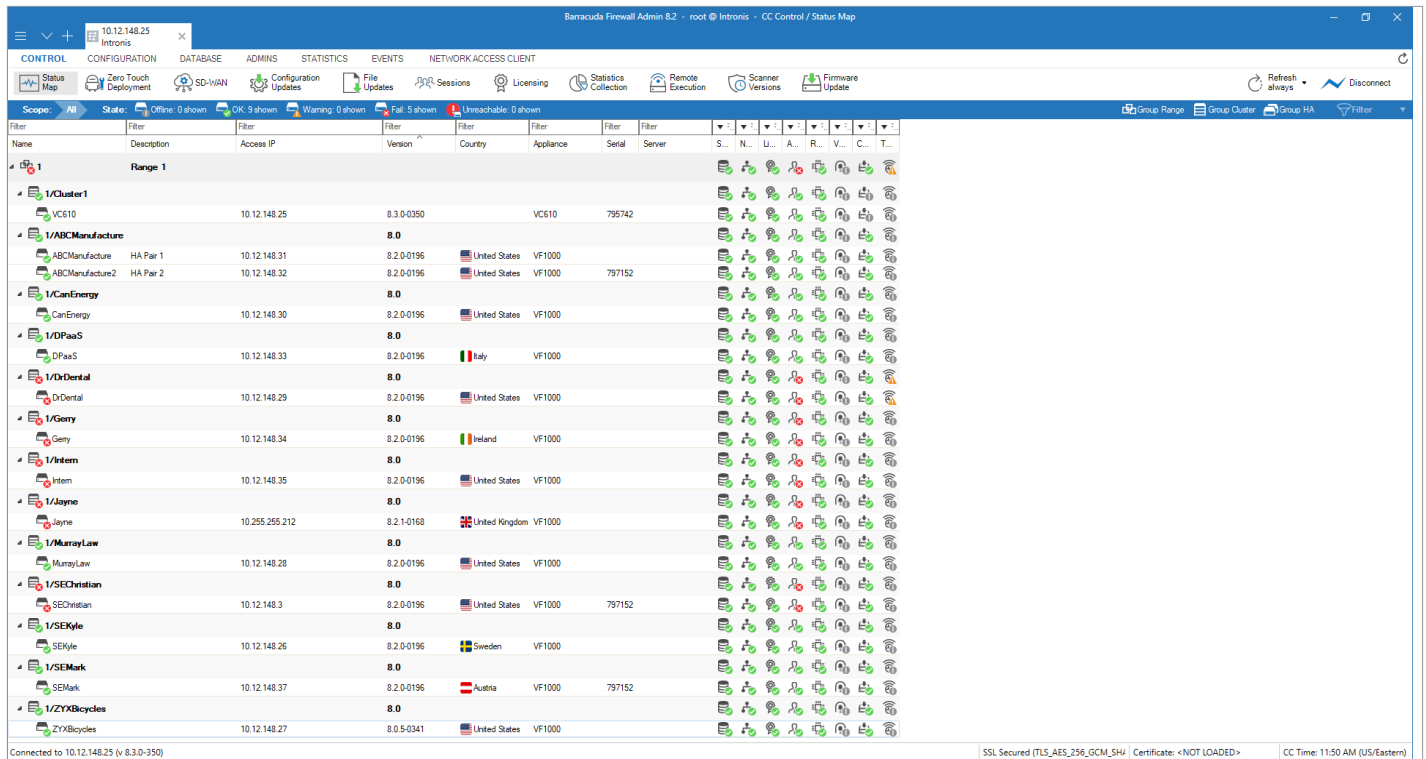
Remote Access: Browser-based SSL VPN, dedicated VPN clients, and Network Access clients; remote access app, CudaLaunch, featuring Barracuda's Zero-Touch Deployment

Instant Replacement Service

Hardware replacement period: We offer free hardware refresh every four years

Shipping: Upon requests, replacement units are shipped on the next business day

Support: We offer 24/7 technical support



Barracuda CloudGen Firewall's Control Center dashboard provides real-time information and summaries of what is going on in an organization's network.

Features

	ENTRY	BRANCH OFFICE	MID-RANGE	HIGH-END
Firewall incl. IPS	✓	✓	✓	✓
Application Control	✓	✓	✓	✓
Dynamic Routing	✓	✓	✓	✓
Application-based Provider Selection	✓	✓	✓	✓
SSL Interception	✓	✓	✓	✓
SD-WAN	✓	✓	✓	✓
Web Filter	✓	✓	✓	✓
Zero-Touch Deployment	✓	✓	✓	✓
Client-to-Site and Site-to-Site VPN	✓ ¹	unlimited	unlimited	unlimited
Advanced Threat Protection	✓	✓	✓	✓
Malware Protection	✓ ²	✓	✓	✓
Advanced Remote Access	-	✓	✓	✓
Total Protect PLUS	✓	✓	✓	✓

Entry & Branch Office / Rugged Models

	ENTRY		BRANCH OFFICE			RUGGED	
	F12	F18	F80B	F180B	F280C	F93A.R	F193A.R
THROUGHPUT / PERFORMANCE							
Firewall ³	1.2 Gbps	2.0 Gbps	2.0 Gbps	3.2 Gbps	4.8 Gbps	1.5 Gbps	2.1 Gbps
VPN ⁴	220 Mbps	720 Mbps	720 Mbps	800 Mbps	1.5 Gbps	240 Mbps	320 Mbps
IPS ⁵	400 Mbps	600 Mbps	600 Mbps	1.0 Gbps	2.0 Gbps	400 Mbps	790 Mbps
NGFW ⁶	250 Mbps	400 Mbps	400 Mbps	1.2 Gbps	1.6 Gbps	400 Mbps	800 Mbps
Threat Protection ⁷	230 Mbps	380 Mbps	380 Mbps	1.0 Gbps	1.5 Gbps	380 Mbps	700 Mbps
Concurrent Sessions	80,000	80,000	80,000	150,000	300,000	80,000	100,000
New Sessions/s	8,000	12,000	12,000	12,000	12,000	8,000	9,000
HARDWARE							
Form Factor	Compact	Desktop	Desktop	Desktop	Desktop	Compact, DIN rail	Compact, DIN rail
Copper Ethernet NICs [1 GbE]	5x	5x	5x	12x	12x	2x	5x
Fiber NICs (SFP) [1 GbE]	-	-	-	4x	4x	1x	2x
Wi-Fi Access Point	-	-	✓	✓	✓	-	-
Power Supply	Single, external	Single, external	Single, external	Single, external	Single, external	Phoenix 4-pin or dual, external	Phoenix 4-pin or dual, external

Mid-Range Models

	F380	F400 SUBMODELS		F600 SUBMODELS				
		F400	F404	C10	C20	F10	F20	E20
THROUGHPUT / PERFORMANCE								
Firewall ²	8.5 Gbps	13 Gbps	13 Gbps	15 Gbps		15 Gbps		20 Gbps
VPN ³	2.1 Gbps	3.6 Gbps	3.6 Gbps	3.8 Gbps		3.8 Gbps		6.8 Gbps
IPS ⁴	2.5 Gbps	4.2 Gbps	4.2 Gbps	4.8 Gbps		4.8 Gbps		8.0 Gbps
NGFW ⁵	2.0 Gbps	3.7 Gbps	3.7 Gbps	4.2 Gbps		4.2 Gbps		6.4 Gbps
Threat Protection ⁶	1.7 Gbps	3.1 Gbps	3.1 Gbps	4.0 Gbps		4.0 Gbps		5.8 Gbps
Concurrent Sessions	400,000	500,000	500,000	2,100,000		2,100,000		2,100,000
New Session(s)	15,000	20,000	20,000	115,000		115,000		115,000
HARDWARE								
Form Factor	1U rack mount	1U rack mount		1U rack mount				
Copper Ethernet NICs [1 GbE]	8x	8x	8x	18x	18x	10x	10x	10x
Fiber NICs (SFP) [1 GbE]	-	-	4x	-	-	8x	8x	8x
Fiber NICs (SFP+) [10 GbE]	2x	2x	2x	-	-	-	-	2x
Power Supply	Single, internal	Single, internal	Dual, Hot Swap	Single, internal	Dual, Hot Swap	Single, internal	Dual, Hot Swap	Dual, Hot Swap

High-End Models

	F800 SUBMODELS			F900 SUBMODELS				F1000 SUBMODELS			
	CCC	CCF	CCE	CCC	CCE	CFE	CFEQ	CE0	CE2	CFE	CFEQ
THROUGHPUT / PERFORMANCE											
Firewall ²	30 Gbps			35 Gbps		45 Gbps		52 Gbps			
VPN ³	7.5 Gbps			9.3 Gbps		13.5 Gbps		15.8 Gbps			
IPS ⁴	8.3 Gbps			11.3 Gbps		13 Gbps		16 Gbps			
NGFW ⁵	7.7 Gbps			8.0 Gbps		12 Gbps		14.8 Gbps			
Threat Protection ⁶	7.6 Gbps			8.0 Gbps		11.5 Gbps		13.5 Gbps			
Concurrent Sessions	2,500,000			4,000,000		4,000,000		10,000,000			
New Session(s)	180,000			190,000		190,000		250,000			
HARDWARE											
Form Factor	1U rack mount			1U rack mount				2U rack mount			
Copper Ethernet NICs [1 GbE]	24x	16x	16x	32x	16x	8x	8x	16x	32x	16x	16x
Fiber NICs (SFP) [1 GbE]	-	8x	-	-	-	8x	8x	-	-	16x	16x
Fiber NICs (SFP+) [10 GbE]	-	-	4x	-	8x	8x	4x	4x	8x	8x	6x
Fiber NICs (QSFP+) [40 GbE]	-	-	-	-	-	-	2x	-	-	-	2x
Power Supply	Dual Hot Swap			Dual Hot Swap				Dual Hot Swap			

All performance values are measured under optimized conditions and are to be considered as "up to" values and may vary depending on system configuration and infrastructure:

¹ F12 and F18 models do not include Advanced Remote Access license

² F-12 Malware Protection is cloud-based only

³ Firewall throughput measured with large packets (MTU1500) UDP packets, bi-directional across multiple ports, utilizing highest available port density.

⁴ VPN performance is based on 1415 Byte UDP packets, bidirectional using BreakingPoint traffic generator.

⁵ IPS throughput is measured using large packets (MTU1500) UDP traffic and across multiple ports, utilizing highest available port density.

⁶ NGFW throughput is measured with IPS, application control, and web filter enabled, based on BreakingPoint Realworld-IPS-

Enterprise-Traffic-Mix, bidirectional across multiple ports, utilizing highest available port density.

⁷ Threat Protection throughput is measured with IPS, application control, web filter, and antivirus enabled, based on BreakingPoint Realworld-IPS-Enterprise-Traffic-Mix, bidirectional across multiple ports.



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 management platforms. 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. [@BarracudaMSP](https://twitter.com/BarracudaMSP) | [LinkedIn: BarracudaMSP](https://www.linkedin.com/company/barracudamsp) | [SmarterMSP.com](https://www.smartermsp.com)

978.328.1680 | +44.(0)118.338.4605 | +61.1300.431.470 | sales@barracudamsp.com