

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 advance threats—all from one centralized management console. Plus, the subscription-based appliance has no upfront fees.

Integrated Cloud-Generation Security

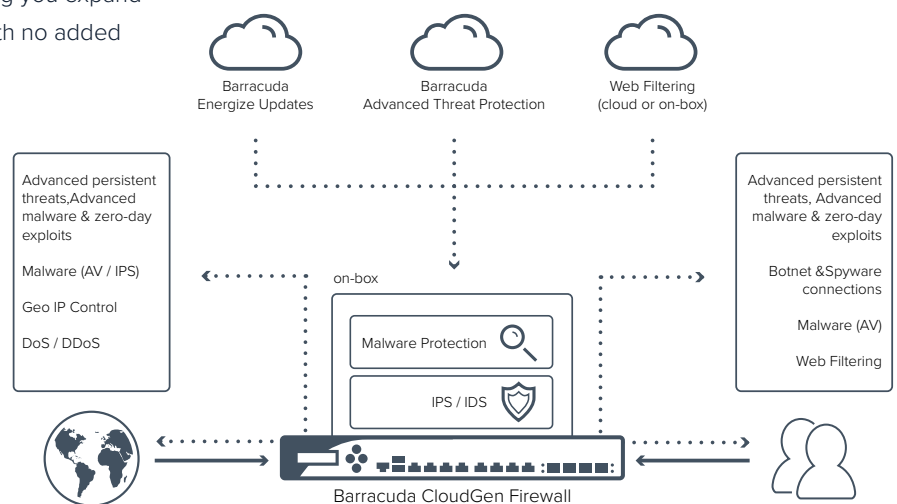
The Barracuda CloudGen Firewall - MSP meets MSP requirements for reliable SMB network security and uptime. Integrated WAN optimization and dedicated centralized management of appliances enable you to increase system availability for your customers while keeping administrative time and operation cost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

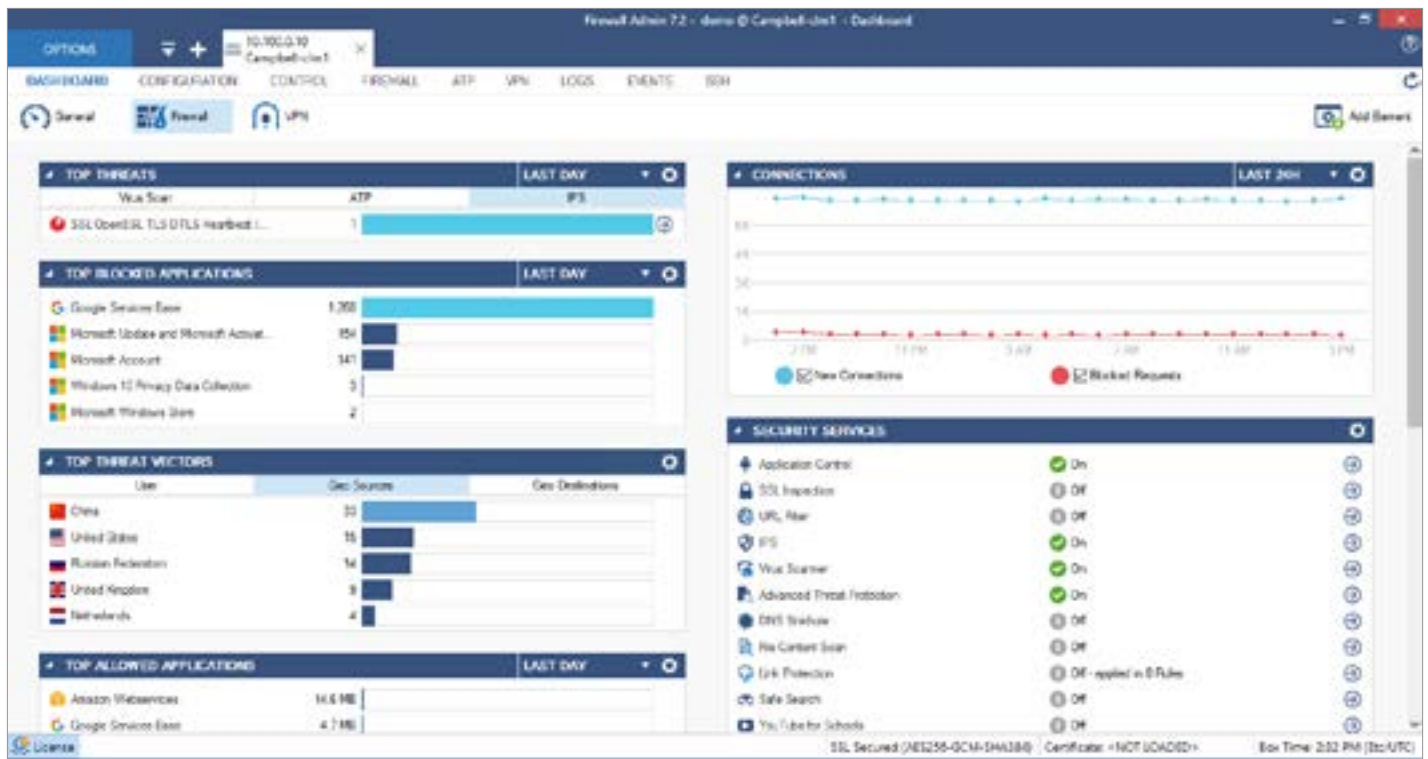
Advanced Threat Protection: Dynamic analysis of malware programs and documents with embedded exploits

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



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

Features

	ENTRY AND 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	unlimited	unlimited	unlimited
Advanced Threat Protection	✓	✓	✓
Malware Protection	✓	✓	✓
Advanced Threat and Malware Protection	✓	✓	✓
Advanced Remote Access	✓ ¹	✓	✓
Total Protect PLUS	✓	✓	✓

Entry & Branch Office Models

	F12	F18	F80	F82.DSLA	F180	F280
PERFORMANCE						
Firewall Throughput ²	1.2 Gbps	1.0 Gbps	1.5 Gbps	1.5 Gbps	1.7 Gbps	3.7 Gbps
VPN Throughput ³	220 Mbps	190 Mbps	240 Mbps	240 Mbps	300 Mbps	1.1 Gbps
IPS Throughput ⁴	400 Mbps	400 Mbps	400 Mbps	400 Mbps	500 Mbps	1.2 Gbps
NGFW Throughput ⁵	250 Mbps	340 Mbps	400 Mbps	400 Mbps	550 Mbps	1.0 Gbps
Threat Protection Throughput ⁶	230 Mbps	320 Mbps	380 Mbps	380 Mbps	480 Mbps	900 Mbps
Concurrent Sessions	80,000	80,000	80,000	80,000	100,000	250,000
New Session/s	8,000	8,000	8,000	8,000	9,000	10,000
HARDWARE						
Form Factor	Compact	Desktop	Desktop	Desktop	Desktop	Desktop
Copper Ethernet NICs [GbE]	5x1	4x1	4x1	4x1	6x1	6x1
Fiber NICs (SFP) [GbE]	-	-	-	1x1	-	-
Integrated Switch	-	-	-	-	8-port	8-port
Integrated Modem	-	-	-	DSL Annex A, RJ11	-	-
Wi-Fi Access Point	-	-	✓	✓	✓	✓
Power Supply	Single, external	Single, external	Single, external	Single, external	Single, external	Single, external

Mid-Range Models

	F380	F400 SUBMODELS		F600 SUBMODELS				
		STD	F20	C10	C20	F10	F20	E20
PERFORMANCE								
Firewall Throughput ²	5.2 Gbps	7.1 Gbps	9.0 Gbps	11 Gbps		11 Gbps		20 Gbps
VPN Throughput ³	1.4 Gbps	2.3 Gbps	2.3 Gbps	3.1 Gbps		3.1 Gbps		5.6 Gbps
IPS Throughput ⁴	2.0 Gbps	2.8 Gbps	3.0 Gbps	4.6 Gbps		4.6 Gbps		8.0 Gbps
NGFW Throughput ⁵	1.4 Gbps	2.2 Gbps	3.0 Gbps	4.2 Gbps		4.2 Gbps		6.4 Gbps
Threat Protection Throughput ⁶	1.2 Gbps	2.0 Gbps	2.7 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 [GbE]	8x1	8x1	8x1	12x1	12x1	8x1	8x1	8x1
Fiber NICs (SFP) [GbE]	-	-	4x1	-	-	4x1	4x1	-
Fiber NICs (SFP+) [GbE]	-	-	-	-	-	-	-	2x10
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
PERFORMANCE											
Firewall Throughput ²	30 Gbps			35 Gbps		45 Gbps		40 Gbps		46 Gbps	
VPN Throughput ³	7.5 Gbps			9.3 Gbps		13.5 Gbps		10 Gbps		10.3 Gbps	
IPS Throughput ⁴	8.3 Gbps			11.3 Gbps		13 Gbps		13 Gbps		14 Gbps	
NGFW Throughput ⁵	7.7 Gbps			8.0 Gbps		12 Gbps		10.2 Gbps		13 Gbps	
Threat Protection Throughput ⁶	7.6 Gbps			8.0 Gbps		11.5 Gbps		4.0 Gbps		12 Gbps	
Concurrent Sessions	2,500,000			4,000,000		4,000,000		10,000,000		10,000,000	
New Session/s	180,000			190,000		190,000		250,000		250,000	
HARDWARE											
Form Factor	1U rack mount			1U rack mount				2U rack mount			
Copper Ethernet NICs [GbE]	24x1	16x1	16x1	32x1	16x1	8x1	8x1	16x1	32x1	16x1	16x1
Fiber NICs (SFP) [GbE]	-	8x1	-	-	-	8x1	8x1	-	-	16x1	16x1
Fiber NICs (SFP+) [GbE]	-	-	4x10	-	8x10	8x10	4x10	4x10	8x10	8x10	6x10
Fiber NICs (QSFP+) [GbE]	-	-	-	-	-	-	2x40	-	-	-	2x40
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 Not available for the F-18 model.

² Firewall throughput measured with large packets (MTU1500) UDP packets, bi-directional across multiple ports, utilizing highest available port density.

³ VPN performance is based on 1415 Byte UDP packets, bidirectional using BreakingPoint traffic generator.

⁴ IPS throughput is measured using large packets (MTU1500) UDP traffic and across multiple ports, utilizing highest available port density.

⁵ 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.

⁶ 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. 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 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.

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