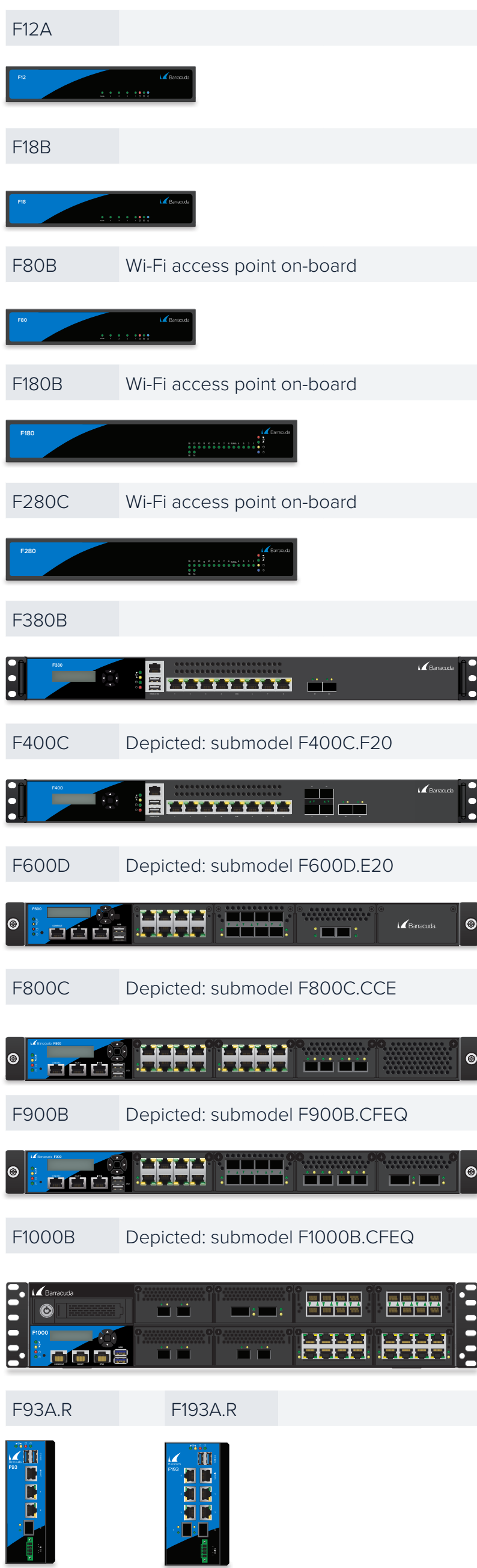


	ENTRY AND BRANCH OFFICE MODELS					MID-RANGE MODELS							HIGH-LEVEL MODELS							RUGGED MODELS								
	F12A	F18B	F80B	F180B	F280C	F380B	F400C SUBMODELS		F600D SUBMODELS			F800C SUBMODELS			F900B SUBMODELS				F1000B SUBMODELS		F93A.R	F193A.R						
							STD	F20	C10	C20	F10	F20	E20	CCC	CCF	CCE	CCC	CCE	CFE	CFEQ			CE0	CE2	CFE	CFEQ		
PERFORMANCE	Protect cloud-connected users, network workloads, and devices wherever they reside.																											
Firewall throughput ¹	1.2 Gbps	2.0 Gbps	2.0 Gbps	3.2 Gbps	4.8 Gbps	8.5 Gbps	13 Gbps	13 Gbps	15 Gbps	15 Gbps	20 Gbps	30 Gbps	30 Gbps	35 Gbps	35 Gbps	45 Gbps	52 Gbps	52 Gbps	1.5 Gbps	2.1 Gbps								
SD-WAN throughput ²	220 Mbps	720 Mbps	720 Mbps	800 Mbps	1.5 Gbps	2.1 Gbps	3.6 Gbps	3.6 Gbps	3.8 Gbps	3.8 Gbps	6.8 Gbps	7.5 Gbps	7.5 Gbps	9.3 Gbps	9.3 Gbps	13.5 Gbps	15.8 Gbps	15.8 Gbps	240 Mbps	320 Mbps								
IPS throughput ³	400 Mbps	600 Mbps	600 Mbps	1.0 Gbps	2.0 Gbps	2.5 Gbps	4.2 Gbps	4.2 Gbps	4.8 Gbps	4.8 Gbps	8.0 Gbps	8.3 Gbps	8.3 Gbps	11.3 Gbps	11.3 Gbps	13 Gbps	16 Gbps	16 Gbps	400 Mbps	790 Mbps								
NGFW throughput ⁴	250 Mbps	400 Mbps	400 Mbps	1.2 Gbps	1.6 Gbps	2.0 Gbps	3.7 Gbps	3.7 Gbps	4.2 Gbps	4.2 Gbps	6.4 Gbps	7.7 Gbps	7.7 Gbps	8.0 Gbps	8.0 Gbps	12 Gbps	14.8 Gbps	14.8 Gbps	400 Mbps	800 Mbps								
Threat protection throughput ⁵	230 Mbps	380 Mbps	380 Mbps	1.0 Gbps	1.5 Gbps	1.7 Gbps	3.1 Gbps	3.1 Gbps	4.0 Gbps	4.0 Gbps	5.8 Gbps	7.6 Gbps	7.6 Gbps	8.0 Gbps	8.0 Gbps	11.5 Gbps	13.5 Gbps	13.5 Gbps	380 Mbps	700 Mbps								
Concurrent sessions	80,000	80,000	80,000	150,000	300,000	400,000	500,000	500,000	2,100,000	2,100,000	2,500,000	2,500,000	2,500,000	4,000,000	4,000,000	10,000,000	10,000,000	10,000,000	80,000	100,000								
New sessions per second	8,000	12,000	12,000	12,000	12,000	15,000	20,000	20,000	115,000	115,000	180,000	180,000	180,000	190,000	190,000	250,000	250,000	250,000	8,000	9,000								
Recommended no. of concurrent users ⁶	5-75	50-100	50-100	75-150	150-300	200-500	300-1,000	300-1,000	1,000-4,000	1,000-4,000	4,000-6,000	4,000-6,000	4,000-6,000	6,000-9,000	6,000-9,000	7,000-15,000	7,000-15,000	7,000-15,000	50-100	75-150								
Recommended no. of remote access clients	10	25	25	50	75	100	250	250	500	500	1,000	1,000	1,000	2,000	2,000	3,000	3,000	3,000	50	75								
HARDWARE	Form factor: Compact, Desktop, 1U rack mount																											
Dimensions [W x D x H; in]	9.1 x 6.0 x 1.7	9.1 x 6.0 x 1.7	9.1 x 6.0 x 1.7	11.8 x 8.6 x 1.7	11.8 x 8.6 x 1.7	17.3 x 17.3 x 1.7	17.3 x 17.3 x 1.7	17.3 x 17.3 x 1.7	17.3 x 19.7 x 1.7	17.3 x 19.7 x 1.7	17.2 x 22.4 x 1.7	17.2 x 22.4 x 1.7	17.2 x 22.4 x 1.7	17.2 x 22.4 x 1.7	17.2 x 22.4 x 1.7	17.3 x 27.9 x 3.4	17.3 x 27.9 x 3.4	17.3 x 27.9 x 3.4	2.04 x 5.9 x 5.11	2.67 x 5.9 x 5.11								
Weight [lbs]	4.4	4.4	4.4	5.1	5.1	18.5	18.5	18.5	22.0	22.0	26.0	26.0	26.0	26.0	26.0	55.1	55.1	55.1	2.6	3.1								
1 GbE copper NIC	5x	5x	5x	12x	12x	8x	8x	8x	8x	8x	10x	10x	10x	10x	10x	24x	16x	16x	32x	16x	8x	8x	16x	32x	16x	16x	2x	5x
1 GbE fiber SFP NIC	-	-	-	4x	4x	-	-	4x	-	-	8x	8x	8x	-	8x	-	-	8x	8x	-	-	16x	16x	1x	2x			
10 GbE fiber SFP+ NIC	-	-	-	-	-	2x	2x	2x	-	-	-	-	2x	-	-	4x	-	8x	8x	4x	4x	4x	8x	6x	-	-		
40 GbE fiber QSFP+ NIC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2x	-	-	-	2x	-	-				
Max storage (SSD) [(GB) or better]	80	80	80	100	100	120	120	120	240	240	240	240	240	430	430	430	430	430	430	430	430	550	550	550	550	100	100	
Power supply ⁷	S (e.)	S (e.)	S (e.)	S (e.)	S (e.)	S (i.)	S (i.)	D (hs)	S (i.)	D (hs)	S (i.)	D (hs)	D (hs)	D (hs)	D (hs)	D (hs)	D (hs)	D (hs)	D (hs)	D (hs)	D (hs)	D (hs)	D (hs)	D (hs)	D (hs)	S (e.) / D (e.) ⁸	S (e.) / D (e.) ⁸	
Integrated modem (DSL)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Wi-Fi access point	-	-	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
FEATURES	Firewall incl. IPS, Application control, Application-based provider selection, Remote access, Secure SD-WAN, SSL interception, Web filter, Zero-touch deployment, Management via web interface, Barracuda Firewall Insights, Advanced Threat protection, Malware Protection, Advanced Remote Access																											



BARRACUDA CLOUDGEN FIREWALL VIRTUAL AND PUBLIC CLOUD DEPLOYMENTS	VFC1	VFC2	VFC4	VFC8	VFC16	VFC48
Number of protected IPs	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited
Virtual cores	1	2	4	8	16	48
Recommended no. of remote access clients	50	300	2,000	7,000	10,000	on request
Firewall incl. IPS	✓	✓	✓	✓	✓	✓
Application control	✓	✓	✓	✓	✓	✓
Dynamic routing	✓	✓	✓	✓	✓	✓
SSL interception	✓	✓	✓	✓	✓	✓
SD-WAN	✓	✓	✓	✓	✓	✓
Web filter	✓	✓	✓	✓	✓	✓
Barracuda Firewall Insights ¹²	Optional	Optional	Optional	Optional	Optional	Optional
Advanced Threat Protection ¹³	Optional	Optional	Optional	Optional	Optional	Optional
Malware Protection ¹³	Optional	Optional	Optional	Optional	Optional	Optional
Advanced Remote Access ¹²	Optional	Optional	Optional	Optional	Optional	Optional

BARRACUDA FIREWALL CONTROL CENTER	STANDARD EDITION		ENTERPRISE EDITION		GLOBAL EDITION
	VC400	VCC400	VC610	VCC610	VC820
Way of deployment	Virtual	Azure / AWS / GCP	Virtual	Azure / AWS / GCP	Virtual
Max. managed gateways (recommended)	Unlimited (20)		Unlimited (hardware depending)		
Manageable configuration groupings	1	1	Unlimited	Unlimited	Unlimited
Multi-administrator support	✓	✓	✓	✓	✓
Role-based administration	✓	✓	✓	✓	✓
Revision control system	✓	✓	✓	✓	✓
Central statistics / syslog host/relay	✓	✓	✓	✓	✓
FW audit information collector / viewer	✓	✓	✓	✓	✓
High availability	Optional	Optional	Optional	Optional	HA license included
Multi tenancy	-	-	✓ ¹⁰	✓ ¹⁰	✓ ¹¹

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

² SD-WAN performance is based on 1415 Byte UDP packets, bidirectional using BreakingPoint traffic generator.

³ IPS throughput is measured using large packets (MTU1500) UDP traffic and across multiple ports, utilizing highest available port density.

⁴ 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.

⁵ Threat protection throughput is measured with IPS, application control, web filter, antivirus, and SSL inspection enabled, based on BreakingPoint RealWorld-IPS-Enterprise-Traffic-Mix, bidirectional across multiple ports.

⁶ Depending on feature set; for more detailed information on sizing, please refer to the "CloudGen Firewall Sizing" tool on Barracuda Campus.

⁷ Used abbreviations: S (e.) - single external power supply; S (i.) - single internal power supply; D (hs) - dual internal hot swap power supply.

⁸ Dual power supply requires two external power bricks (available as optional accessories).

⁹ Malware Protection is covered by cloud-based malware protection as part of an active Advanced Threat protection subscription.

¹⁰ Includes support for 2 tenants.

¹¹ Includes support for 5 tenants; additional tenants are optionally available.

¹² Included with public cloud PAYG licensing.

¹³ Not available with public cloud PAYG licensing.

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