



product matrix

Technical specifications for Hardware Appliances,
Virtual Appliances, and Subscription Features.

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Performance Specifications and Options



	BBX40	BBX80	BBX100	BBX200	BBX700
Type	Desk	Desk	Desk	1U	1U
Firewall Throughput (UDP)	6 Gbps	10 Gbps	12 Gbps	20 Gbps	35 Gbps
Concurrent Connections	4,000,000	6,000,000	7,000,000	8,200,000	18,000,000
New Connections Per Second	37,000	45,000	52,000	65,000	120,000
NGFW Throughput (IMIX)	200 Mbps	850 Mbps	1.0 Gbps	2.5 Gbps	3.6 Gbps
SSL Inspection Throughput	150 Mbps	700 Mbps	900 Mbps	1.3 Gbps	2.2 Gbps
IPS Throughput	320 Mbps	1.25 Gbps	1.5 Gbps	3.0 Gbps	6 Gbps
Application Control Throughput	260 Mbps	1.3 Gbps	1.6 Gbps	2.5 Gbps	6 Gbps
Threat Protection Throughput	150 Mbps	670 Mbps	750 Mbps	1.0 Gbps	1.5 Gbps
IPSEC VPN Throughput (AES-256 + SHA256)	280 Mbps	2.0 Gbps	2.5 Gbps	3.0 Gbps	5 Gbps
SSL VPN Throughput (AES-256)	140 Mbps	1.2 Gbps	1.5 Gbps	1.8 Gbps	2 Gbps
Interfaces UTP 1 GbE	*	*	6	6	8 to 16 (OPTIONAL)
Interfaces UTP 2.5 GbE	4	4	*	*	*
Interfaces SFP 1 GbE	*	*	*	4 (OPTIONAL)	4 (OPTIONAL)
Interfaces SFP+ 10 GbE	*	*	*	4 (OPTIONAL)	4 (OPTIONAL)
WIFI	*	OPTIONAL	OPTIONAL	*	*
LTE 3G/4G	OPTIONAL	OPTIONAL	OPTIONAL	*	*
Hot Swappable	*	*	*	*	OPTIONAL
Disk	64GB	64GB	120GB	120GB	240GB
Solid State Drive	120GB/240GB	120GB/240GB	240GB	240GB	480GB
Available Slots	*	*	*	1x	1x






Performance Specifications and Options



	BBX1500	BBX3000	BBX3600	BBX4200	BBX5000
Type	1U	2U	2U	2U	2U
Firewall Throughput (UDP)	55 Gbps	200 Gbps	200 Gbps	200 Gbps	200 Gbps
Concurrent Connections	22,000,000	30,000,000	45,000,000	55,000,000	70,000,000
New Connections Per Second	200,000	300,000	400,000	520,000	700,000
NGFW Throughput (IMIX)	6.5 Gbps	13.0 Gbps	20 Gbps	26 Gbps	40 Gbps
SSL Inspection Throughput	4.5 Gbps	8 Gbps	10 Gbps	12 Gbps	20 Gbps
IPS Throughput	12 Gbps	15 Gbps	18 Gbps	23 Gbps	30 Gbps
Application Control Throughput	10 Gbps	15 Gbps	18 Gbps	25 Gbps	35 Gbps
Threat Protection Throughput	4.5 Gbps	8 Gbps	10 Gbps	12 Gbps	18 Gbps
IPSEC VPN Throughput (AES-256 + SHA256)	10 Gbps	15 Gbps	18 Gbps	25.6 Gbps	30 Gbps
SSL VPN Throughput (AES-256)	5 Gbps	7 Gbps	9 Gbps	11 Gbps	15 Gbps
Interfaces UTP 1 GbE	8 to 20 (OPTIONAL)	8 to 64 (OPTIONAL)	8 to 64 (OPTIONAL)	8 to 64 (OPTIONAL)	8 to 64 (OPTIONAL)
Interfaces SFP 1 GbE	8 (OPTIONAL)	32 (OPTIONAL)	32 (OPTIONAL)	32 (OPTIONAL)	32 (OPTIONAL)
Interfaces SFP+ 10 GbE	8 (OPTIONAL)	28 (OPTIONAL)	28 (OPTIONAL)	28 (OPTIONAL)	28 (OPTIONAL)
Interfaces 25 GbE	4 (OPTIONAL)	8 (OPTIONAL)	8 (OPTIONAL)	8 (OPTIONAL)	8 (OPTIONAL)
Interfaces 40 GbE	4 (OPTIONAL)	8 (OPTIONAL)	8 (OPTIONAL)	8 (OPTIONAL)	8 (OPTIONAL)
Interfaces 100 GbE	*	14 (OPTIONAL)	14 (OPTIONAL)	14 (OPTIONAL)	14 (OPTIONAL)
Hot Swappable	YES	YES	YES	YES	YES
Disk	480GB	1 TB or 2x 1TB in RAID 0, 1	1 TB or 2x 1TB in RAID 0, 1	1 TB or 2x 1TB in RAID 0, 1	1 TB or 2x 1TB in RAID 0, 1
Solid State Drive	1TB	2TB	2TB	2TB	2TB
Available Slots	3x	7x	7x	7x	7x



Deployment Options

Hardware Appliance	Virtual Appliance	Cloud Instance
<ul style="list-style-type: none"> • Maximum performance • Guaranteed stability • Quick installation 	<ul style="list-style-type: none"> • Greater scalability • Faster disaster recovery • Infrastructure optimization 	<ul style="list-style-type: none"> • AWS, Oracle, Azure, among others.
		  

Virtual Appliance Model Specifications

Description	Overall Throughput (UDP)	NGFW Throughput (IMIX)
BBX40	6 Gbps	200 Mbps
BBX80	10 Gbps	850 Mbps
BBX100	12 Gbps	1.0 Gbps
BBX200	20 Gbps	2.5 Gbps
BBX700	35 Gbps	3.6 Gbps
BBX1500	55 Gbps	6.5 Gbps
BBX3000	200 Gbps	13 Gbps
BBX3600	200 Gbps	20 Gbps
BBX4200	200 Gbps	26 Gbps
BBX5000	200 Gbps	40 Gbps

Features per Subscription

	Secure SD-WAN	AC and SWG	IPS and ATP	Manager and Analyser
Firewall	✓			
SD-WAN	✓			
Multilink	✓			
QoS Traffic Shaping	✓			
VPN IPsec and SSL	✓			
High Availability and Cluster	✓			
RMA	✓			
Support	✓			
Hotfix, Patches and Upgrades	✓			
Application Control		✓		
Secure Web Gateway		✓		
DSN Content Filter		✓		
Anti-Malware			✓	
Intrusion Prevent System			✓	
Advanced Threat Protection			✓	
AI Inline Sandbox			✓	
Cloud Sandbox			✓	
Global Management				✓
Centralized Analysis				✓
Zero Touch Provisioning				✓

* Secure SD-WAN subscription is mandatory.

Images are for illustrative purposes only