

Model		PA-5060	PA-5050	PA-5020	PA-3060	PA-3050	PA-3020	PA-500	PA-200
<b>Performance</b>									
	App-ID firewall throughput	20 Gbps	10 Gbps	5 Gbps	4 Gbps	4 Gbps	2 Gbps	250 Mbps	100 Mbps
	Threat prevention throughput	10 Gbps	5 Gbps	2 Gbps	2 Gbps	2 Gbps	1 Gbps	100 Mbps	50 Mbps
	IPSec VPN throughput	4 Gbps	4 Gbps	2 Gbps	500 Mbps	500 Mbps	500 Mbps	50 Mbps	50 Mbps
	Connections per second	120,000	120,000	120,000	50,000	50,000	50,000	7,500	1,000 Mbps
<b>Sessions</b>									
	Max sessions (IPv4 or IPv6)	4,000,000	2,000,000	1,000,000	500,000	500,000	250,000	64,000	64,000
<b>Policies</b>									
	Security rules	40,000	20,000	10,000	5,000	5,000	2,500	1,000	250
	Security rule schedules	256							
	NAT rules	16,000	8,000	6,000	5,000	5,000	3,000	160	160
	Decryption rules	5,000	2,000	1,000	500	500	250	100	100
	App override rules	4,000	2,000	1,000	500	500	250	100	100
	QoS rules	4,000	2,000	1,000	1,000	1,000	1,000	100	100
	Policy based forwarding rules	2,000	2,000	500	500	500	500	100	100
	Captive portal rules	4,000	2,000	1,000	1,000	1,000	1,000	100	10
	DoS protection rules	2,000	1,000	1,000	1,000	1,000	1,000	100	100
<b>Security Zones</b>									
	Max security zones	900	500	80	40	40	40	20	10
<b>Objects (addresses &amp; services)</b>									
	Address objects	80,000	40,000	10,000	10,000	10,000	5,000	2,500	2,500
	Address groups	4,000	2,500	1,000	1,000	1,000	500	250	125
	Members per address group	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
	Service objects	4,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
	Service groups	250							
	Members per service group	500							
	FQDN address objects	1,000							
	Max IP addresses registered per system*	100,000	50,000	25,000	5,000	5,000	5,000	1,000	1,000
	Tags per IP address	32							
<b>Security Profiles</b>									
	Security profiles	750	750	750	375	375	150	75	75
<b>App-ID</b>									
	Custom App-ID signatures	6,000							
	Shared custom App-ID signatures	512							
	Custom App-IDs (virtual system specific)	6,416							

Model		PA-5060	PA-5050	PA-5020	PA-3060	PA-3050	PA-3020	PA-500	PA-200
<b>User-ID</b>									
	User-IP mappings (management plane)	512,000							
	User-IP mappings (data plane)	256,000	128,000	128,000	64,000	64,000	64,000	64,000	64,000
	Active and unique groups used in policy	640							
	Number of agents	100							
	Monitored servers per agent	100							
	Maximum terminal services agents	1,000	1,000	1,000	400	400	400	400	400
<b>SSL Decryption</b>									
	Max SSL inbound certificates	1,000	300	100	25	25	25	25	25
	SSL certificate cache (forward proxy)	1,024	1,024	1,024	128	128	128	128	128
	Max concurrent decryption sessions	90,112	47,616	15,872	15,360	15,360	7936	1,024	1,024
<b>URL Filtering</b>									
	Total entries for allow list, block list and custom categories	100,000	50,000	25,000	25,000	25,000	25,000	25,000	25,000
	Max custom categories	2,849							
	Max custom categories (virtual system specific)	500							
	Dataplane cache size for URL filtering	100,000	100,000	40,000	20,000	20,000	20,000	10,000	5,000
	Management plane dynamic cache size	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
<b>Interfaces</b>									
	Mgmt - out-of-band	10/100/ 1000 [RJ45 Console]							
	Mgmt - 10/100/1000 high availability	2	2	2	2	2	2	na	na
	Mgmt - 40Gbps high availability	na	na	na	na	na	na	na	na
	Traffic - 10/100/1000	12	12	12	8	12	12	8	4
	Traffic - 1Gbps SFP	8	8	8	8	8	8	na	na
	Traffic - 10Gbps SFP+	4	4	na	2	na	na	na	na
	Traffic - 10Gbps XFP	na							
	Traffic - 40Gbps QSFP	na							
	802.1q tags per device	4,094							
	802.1q tags per physical interface	4,094							
	Max interfaces (logical and physical)	4,094	4,094	2,048	2,048	2,048	1,024	288	100
	Maximum aggregate interfaces	8	8	8	8	8	8	4	na
<b>Virtual Routers</b>									
	Virtual routers	225	125	20	10	10	10	3	3
<b>Virtual Wires</b>									
	Virtual wires	2,048	2,048	1,024	1,024	1,024	512	144	50

Model		PA-5060	PA-5050	PA-5020	PA-3060	PA-3050	PA-3020	PA-500	PA-200
<b>Virtual Systems</b>									
	Base virtual systems	25	25	10	1	1	1	1	1
	Max virtual systems**	225	125	20	6	6	6	Na	na
<b>Routing</b>									
	IPv4 forwarding table size ***	32,000	32,000	32,000	5,000	5,000	2,500	625	500
	IPv6 forwarding table size ***	32,000	32,000	32,000	5,000	5,000	2,500	625	500
	Max route maps per virtual router	50							
	Max routing peers (protocol dependent)	500							
	Static entries - DNS proxy	1,024							
<b>L2 Forwarding</b>									
	ARP table size per device	32,000	32,000	20,000	10,000	5,000	3,000	2,000	500
	IPv6 neighbour table size	32,000	32,000	20,000	10,000	5,000	3,000	2,000	500
	MAC table size per device	32,000	32,000	20,000	5,000	5,000	3,000	2,000	500
	Max ARP entries per broadcast domain	32,000	32,000	20,000	10,000	5,000	3,000	2,000	500
	MAC entries per broadcast domain	32,000	32,000	20,000	5,000	5,000	3,000	2,000	500
<b>NAT</b>									
	Total NAT rule capacity	16,000	8,000	6,000	5,000	5,000	3,000	160	160
	Max NAT rules (static) ****	16,000	8,000	6,000	5,000	5,000	3,000	160	160
	Max NAT rules (DIP) ****	16,000	8,000	6,000	3,000	3,000	2,000	160	160
	Max NAT rules (DIPP)	4,000	2,000	800	800	600	400	160	160
	Max translated IPs (DIP)	320,000	160,000	64,000	128,000	128,000	128,000	16,000	16,000
	Max translated IPs (DIPP) *****	4,000	2,000	800	800	800	800	160	160
	Default DIPP pool oversubscription *****	8	8	4	2	2	2	1	1
<b>Address Assignment</b>									
	DHCP servers	225	125	20	10	10	10	3	3
	Max number of assigned addresses	64,000							
<b>High Availability</b>									
	Devices per cluster	2	2	2	2	2	2	2	2
	Max virtual addresses	1,024	1,024	128	64	64	64	32	na
<b>QoS</b>									
	Number of QoS policies	4,000	2,000	1,000	1,000	1,000	1,000	100	100
	Physical interfaces supporting QoS	12	12	12	6	6	6	6	4
	Clear text nodes per physical interface	64	64	64	32	32	32	32	32
	DSCP marking by policy	yes							
	Sub-interfaces supported	na							

Model		PA-5060	PA-5050	PA-5020	PA-3060	PA-3050	PA-3020	PA-500	PA-200
<b>IPSec VPN</b>									
	Site to site	8,000	4,000	2,000	2,000	2,000	1,000	250	25
	Max IKE Peers	1,000	1,000	1,000	1,000	1,000	1,000	250	25
<b>GlobalProtect Client VPN</b>									
	Max tunnels (SSL, IPSec, and IKE with XAUTH)	20,000	10,000	5,000	2,000	2,000	1,000	100	25
<b>Multicast</b>									
	Replication (egress interfaces)	100							
	Routes	4,000	4,000	4,000	2,000	2,000	2,000	1,000	500

**KEY:**

- \* Applies to IP addresses registered to dynamic address groups
- \*\* Additional licenses are required for virtual system capacities above the base virtual systems capacity
- \*\*\* Entries shared across virtual routers
- \*\*\*\* Configuring static NAT rules to full capacity requires that no other NAT rule types are used.
- \*\*\*\*\* DIPP translated IP capacity is proportional to the DIPP pool oversubscription value. The capacity shown here is based on an oversubscription value of 1x.
- \*\*\*\*\* Source IP and source port reuse across concurrent sessions
- Shows parameters common to all appliances listed.

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