



Feature	PA-220 	PA-200 
<h2>Performance</h2> <p><i>*Performance and capacities are measured under ideal testing conditions using PAN-OS .0. Additionally, for VM models please refer to hypervisor, cloud specific data sheet for associated performance</i></p>		
App-ID firewall throughput	500 Mbps	100 Mbps
Threat prevention throughput	150 Mbps	50 Mbps
IPSec VPN throughput	100 Mbps	50 Mbps
Connections per second	4,200	1,000
<h2>Sessions</h2>		
Max sessions (IPv4 or IPv6)	64,000	64,000
<h2>Policies</h2>		
Security rules	250	250
Security rule schedules	256	256
NAT rules	400	160
Decryption rules	100	100
App override rules	100	100
QoS rules	100	100
Tunnel content inspection rules	100	100
Policy based forwarding rules	100	100
Captive portal rules	10	10
DoS protection rules	100	100
<h2>Security Zones</h2>		
Max security zones	15	10
<h2>Objects (addresses and services)</h2>		
Address objects	2,500	2,500
Address groups	125	125
Members per address group	2,500	2,500
Service objects	1,000	1,000
Service groups	250	250

Members per service group	500	500
FQDN address objects	2,000	2,000
Max IP addresses registered per system <i>*Applies to IP addresses registered to dynamic address groups</i>	1,000	1,000
Tags per IP address	32	32
Security Profiles		
Security profiles	38	38
App-ID		
Custom App-ID signatures	6,000	6,000
Shared custom App-IDs	512	512
Custom App-IDs (virtual system specific)	6,416	6,416
User-ID		
User-IP mappings (management plane)	512,000	512,000
User-IP mappings (data plane)	128,000	64,000
Active and unique groups used in policy	1,000	1,000
Number of agents	100	100
Monitored servers per agent	100	100
Maximum terminal services agents	400	400
SSL Decryption		
Max SSL inbound certificates	25	25
SSL certificate cache (forward proxy)	128	128
Max concurrent decryption sessions	6,400	1,024
URL Filtering		
Total entries for allow list, block list and custom categories	25,000	25,000
Max custom categories	2,849	2,849
Max custom categories (virtual system specific)	500	500
Dataplane cache size for URL filtering	5,000	5,000
Management plane dynamic cache size	1,000,000	1,000,000
Interfaces		
Mgmt - out-of-band	null	10/100/ 1000, RJ45 console
Mgmt - 10/100/1000 high availability	NA	NA

Mgmt - 40Gbps high availability	null	NA
Traffic - 10/100/1000	8	4
Traffic - 100/1000/10000	NA	NA
Traffic - 1Gbps SFP	NA	NA
Traffic - 10Gbps SFP+	NA	NA
Traffic - 10Gbps XFP	NA	NA
Traffic - 40Gbps QSFP	NA	NA
802.1q tags per device	4,094	4,094
802.1q tags per physical interface	4,094	4,094
Max interfaces (logical and physical)	1,024	100
Maximum aggregate interfaces	4	NA

Virtual Routers

Virtual routers	3	3
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Virtual Wires

Virtual wires	256	50
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Virtual Systems

Base virtual systems	1	1
Max virtual systems <i>*Additional licenses are required for virtual system capacities above the base virtual systems capacity</i>	NA	NA

Routing

IPv4 forwarding table size <i>*Entries shared across virtual routers</i>	2,500	1,000
IPv6 forwarding table size <i>*Entries shared across virtual routers</i>	2,500	1,000
System total forwarding table size	5,000	1,000
Max route maps per virtual router	50	50
Max routing peers (protocol dependent)	500	500
Static entries - DNS proxy	1,024	1,024
Bidirectional Forwarding Detection (BFD) Sessions	NA	NA

L2 Forwarding

ARP table size per device	1,500	500
IPv6 neighbor table size	1,500	500
MAC table size per device	1,500	500
Max ARP entries per broadcast domain	1,500	500

Max MAC entries per broadcast domain	1,500	500
NAT		
Total NAT rule capacity	400	160
Max NAT rules (static) <i>*Configuring static NAT rules to full capacity requires that no other NAT rule types are used.</i>	400	160
Max NAT rules (DIP) <i>*Configuring DIP NAT rules to full capacity requires that no other NAT rule types are used.</i>	400	160
Max NAT rules (DIPP)	200	160
Max translated IPs (DIP)	16,000	16,000
Max translated IPs (DIPP) <i>*DIPP translated IP capacity is proportional to the DIPP pool oversubscription value. The capacity shown here is based on an oversubscription value of 1x.</i>	200	160
Default DIPP pool oversubscription <i>*Source IP and source port reuse across concurrent sessions</i>	2	1
Address Assignment		
DHCP servers	3	3
Max number of assigned addresses	64,000	64,000
High Availability		
Devices per cluster	2	2
Max virtual addresses	32	NA
QoS		
Number of QoS policies	100	100
Physical interfaces supporting QoS	8	4
Clear text nodes per physical interface	31	31
DSCP marking by policy	Yes	Yes
Subinterfaces supported	System Limit	System limit
IPSec VPN		
Site to site	1,000	25
Max IKE Peers	1,000	25
GlobalProtect Client VPN		
Max tunnels (SSL, IPSec, and IKE with XAUTH)	250	25

GlobalProtect Clientless VPN

Max SSL tunnels	50	25
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Multicast

Replication (egress interfaces)	100	100
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Routes	500	500
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Product Notes

End-of-sale	NA	NA
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