Platform Specifications and Features Summary



Performance and Capacities	PA-5060	PA-5050	PA-5020	PA-4060	PA-4050	PA-4020	PA-2050	PA-2020	PA-500
Firewall throughput	20 Gbps	10 Gbps	5 Gbps	10 Gbps	10 Gbps	2 Gbp:s	1 Gbps	500 Mbps	250 Mbps
Threat prevention throughput	10 Gbps	5 Gbps	2 Gbps	5 Gbps	5 Gbps	2 Gbps	500 Mbps	200 Mbps	100 Mbps
IPSec VPN throughput	4 Gbps	4 Gbps	2 Gbps	2 Gbps	2 Gbps	1 Gbps	300 Mbps	200 Mbps	50 Mbps
Max sessions	4,000,000	2,000,000	1,000,000	2,000,000	2,000,000	500,000	250,000	125,000	64,000
New sessions per second	120,000	120,000	120,000	60,000	60,000	60,000	15,000	15,000	7,500
IPSec VPN tunnels/tunnel interfaces	8,000	4,000	2,000	4,000	4,000	2,000	2,000	1,000	250
SSL VPN+GlobalProtect Users	20,000	10,000	5,000	10,000	10,000	5,000	1,000	500	100
Virtual routers	225	125	20	125	125	20	10	10	3
Virtual systems (base/max*)	25/225*	25/125*	10/20*	25/125*	25/125*	10/20*	1/	6*	N/A
Security zones	900	500	80	500	500	80	40	40	20
Max number of policies	40,000	20,000	10,000	20,000	20,000	10,000	5,000	2,500	1,000

^{*} Adding virtual systems to the base quantity requires a separately purchased license.

	PA-5060	PA-5050	PA-5020	PA-4060	PA-4050 / PA-4020	PA-2050	PA-2020	PA-500	
Interfaces supported**		000 + (8) Gigabit) Gigabit SFP+	(12) 10/100/1000 + (8) Gigabit SFP	(4) 10 Gigabit XFP + (4) Gigabit SFP	(16) 10/100/1000 + (8) Gigabit SFP	(16) 10/100/1000 + (4) Gigabit SFP	(12) 10/100/1000 + (2) Gigabit SFP	(8) 10/100/1000	
Management I/O	(2)	(2) 10/100/1000 high availability, (1) DB9 console port, (1) 10/100/1000 out of band management					(1) 10/100/1000 out of band management, (1) RJ-45 console port		
Rack mountable		2U, 19" standard rack			2U, 19" standard rack		1U, 19" standard rack		
Power supply	Redur	Redundant 450W AC (175W/200W)		Redundant 400W		175W/200W		180W	
Hot Swap HD		Yes		No		No		No	
Hot Swap PS		Yes		No		No		No	
Hot Swap Fan		Yes		No		No		No	
Safety		UL, CUL, CB							
EMI		FCC class A, VEC class A, VCCI Class A, TUV							
Operating temp.		32 to 122 F, 0 to 50 C							
Non-operating temp.		-4 to 158 F, -20 to 70 C							

^{**} SFP, SFP+ and XFP transceivers are sold separately.

Key Features	Supported Across All Platforms
Firewall	
Applications identified (App-IDs)	1,200+
Customizable App-IDs (HTTP, HTTPs, Unknown TCP, Unknown UDP)	✓
Policy-based control by application, application category, subcategory, technology, risk factor or characteristic	✓
Policy-based control by user, group or IP address	✓
Scheduled policies	✓
Per policy SSL decryption & inspection (inbound and outbound)	✓
Per policy SSH decryption & control (inbound and outbound)	✓
IPSec VPN (site-to-site)	✓
SSL VPN (remote access)	✓
User control: Active Directory, LDAP, eDirectory, Citrix and Microsoft Terminal Services, Xenworks, XML API (User-ID)	✓
Threat Prevention (Subscription Required)	
Stream-based protection against viruses (including those embedded in HTML, Javascript, PDF and compressed), spyware, worms	✓
Drive-by download protection	✓
Behavioral botnet detection	✓
URL Filtering (Subscription Required)	
76-Category/20 million URL on-box customizable database	√
Customizable allow and block lists	√
Customizable block page	√
Custom categories	√

Platform Specifications and Features Summary



File and Data Filtering Block the unauthorized transfer of more than 50 file types / Cldentify and control the transfer of Social Security Numbers, Credit Card Numbers, Custom Data Patterns OS Policy-based diffiser marking / POLIcy Tellulary / Policy Server, DHCP Tellulary / Policy Tell		
Identify and control the transfer of Social Security Numbers, Credit Card Numbers, Custom Data Patterns Policy-based traffic shaping (priority, guaranteed, maximum) per application, per user, per tunnel and more Policy-based diffisery marking VPN Connectivity SSL VPN (Remote Access) Y IPSec VPN (Site to-Site) GlobalProtect (Subscription Required) Consistent policy for all users – no matter where they are located Networking Dynamic routing (BGP, OSPF, RIP) 7 ponde, virtual wire, layer 2, and layer 3 802.1 Q VLAN tagging (layer 2, layer 3) Network address translation (NAT) DHCP server DHCP relay (up to 3 servers) Hyb Application control and inspection High Availability Configuration and session synchronization Interface and IP tracking Link and path failure monitoring Management and Visibility Tools Integrated web interface, CLI and centralized management (Panorama) Native Application summary of applications, URL categories, threats and data (ACC) Vew, filter, export traffic, threats and data filtering logs	File and Data Filtering	
Policy-based triffic shaping (priority, guaranteed, maximum) per application, per user, per tunnel and more Policy-based diffiser marking VPIN Connectivity SSL VPN (Remote Access) IPSec VPN (Site-to-Site) Globall/Protec (Eubserption Required) Consistent policy for all users – no matter where they are located Networking Dynamic routing (BGP, OSPF, RIP) Tap mode, virtual wire, layer 2, and layer 3 802.10 VLAN tagging (layer 2, layer 3) Horwork address translation (NAT) DHCP server/ DHCP relay (up to 3 servers) IPSe application control and inspection VINITARIAN Active/Passive Configuration and session synchronization Valuation and session synchronization Valu	Block the unauthorized transfer of more than 50 file types	V
Policy-based tirsfire shaping (priority, guaranteed, maximum) per application, per user, per tunnel and more Policy-based diffserv marking Policy-based diffser warking SSL VPN (Remote Access) SSL VPN (Remote Access) SSL VPN (Site-to-Site) GlobalProtect (Subscription Required) Consistent policy for all users – no matter where they are located Polymaric routing (BGP, OSPF, RIP) Tap mode, virtual wire, layer 2, and layer 3 Roz. 10 V.AN tagging (layer 2, layer 3) Network address translation (NAT) DHCP server (DHCP relay (up to 3 servers) High availability Active/Active, Active/Passive Configuration and session synchronization Interface and session synchronization Interface and synchronization Interface and tall stranslation (Panorama) Shared policies and objects (Panorama) Role-based administration (individual Device or Panorama) Vew, filler, bayon traffic, wheat of applications, URL categories, threats and data (ACC) Vew, filler, export traffic, wheat, URL and data filtering logs		V
Policy-based diffser wrarking		
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SSL VPN (Remote Access) IPSec VPN (Site-to-Site) Consistent policy for all users – no matter where they are located Networking Dynamic routing (BGP, OSPF, RIP) Tap mode, virtual wire, layer 2, and layer 3 802.1Q VLAN tagging (layer 2, layer 3) Network address translation (NAT) Network address translation (NAT) Network address translation (NAT) IPV application control and inspection High Availability Active/Active, Active/Passive Configuration and session synchronization Interface and IP tracking Link and path failure monitoring Management and Visibility Tools Integrated web interface, CLI and centralized management (Panorama) Network address translation (Individual Device or Panorama) Y Suscious and Suscious Address (Panorama) Y Kill-based administration (Individual Device or Panorama) Y View, filter, export traffic, threat, URL and data filtering logs		✓
PSec VPN (Site-to-Site)		
GlobalProtect (Subscription Required) Consistent policy for all users – no matter where they are located **Metworking** Dynamic routing (BGP, OSPF, RIP) Tap mode, virtual wire, layer 2, and layer 3 802.TQ VLAN tagging (layer 2, layer 3) Network address translation (NAT) DHCP server/ DHCP relay (up to 3 servers) IPv6 application control and inspection High Availability Active/Active/ Active/ Passive Configuration and session synchronization Interface and IP tracking Link and path failure monitoring Management and Visibility Tools Integrated web interface, CLI and centralized management (Panorama) Shared policies and objects (Panorama) **Y Capplications (Individual Device or Panorama) Syslog and SMMPv2/v3 **MML-based REST API Graphical summary of applications, URL categories, threats and data (ACC) **Vew, filter, export traffic, threat, URL, and data filtering logs		✓
Consistent policy for all users – no matter where they are located Networking Dynamic routing (BGP, OSPF, RIP) Tap mode, virtual wire, layer 2, and layer 3 802.10 V LAN tagging (layer 2, layer 2) Network address translation (NAT) DHCP server/ DHCP relay (up to 3 servers) High availability Active/Active, Active/Passive Configuration and session synchronization Interface and IP tracking Link and path failure monitoring Management and Visibility Tools Integrated web interface, CLI and centralized management (Panorama) Shared policies and objects (Panorama) Role-based administration (Individual Device or Panorama) Syslog and SNMPv2/V3 XML-based REST API Graphical summary of applications, URL categories, threats and data (ACC) Vew, filter, export traffic, threat, URL, and data filtering logs		✓
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Tap mode, virtual wire, layer 2, and layer 3 802.1Q VLAN tagging (layer 2, layer 3) Network address translation (NAT) DHCP server/ DHCP relay (up to 3 servers) IPv6 application control and inspection High Availability Active/Rassive Configuration and session synchronization Interface and IP tracking Link and path failure monitoring Management and Visibility Tools Integrated web interface, CLI and centralized management (Panorama) Shared policies and objects (Panorama) Syslog and SNMPv2/v3 XML-based REST API Graphical summary of applications, URL categories, threats and data (ACC) View, filter, export traffic, threat, URL, and data filtering logs		
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Network address translation (NAT) DHCP server/ DHCP relay (up to 3 servers) IPv6 application control and inspection High Availability Active/Passive Configuration and session synchronization Interface and IP tracking Link and path failure monitoring Management and Visibility Tools Integrated web interface, CLI and centralized management (Panorama) Shared policies and objects (Panorama) Shared policies and objects (Panorama) Syslog and SNMPv2/v3 XML-based REST API Graphical summary of applications, URL categories, threats and data (ACC) View, filter, export traffic, threat, URL, and data filtering logs	Tap mode, virtual wire, layer 2, and layer 3	✓
DHCP server/ DHCP relay (up to 3 servers) IPv6 application control and inspection High Availability Active/Active, Active/Passive Configuration and session synchronization Interface and IP tracking Link and path failure monitoring Management and Visibility Tools Integrated web interface, CLI and centralized management (Panorama) Shared policies and objects (Panorama) Role-based administration (Individual Device or Panorama) Syslog and SNMPv2/v3 XML-based REST API Graphical summary of applications, URL categories, threats and data (ACC) View, filter, export traffic, threat, URL, and data filtering logs	802.1Q VLAN tagging (layer 2, layer 3)	✓
IPv6 application control and inspection High Availability Active/Active, Active/Passive Configuration and session synchronization Interface and IP tracking Link and path failure monitoring Management and Visibility Tools Integrated web interface, CLI and centralized management (Panorama) Shared policies and objects (Panorama) Role-based administration (Individual Device or Panorama) Syslog and SNMPv2/v3 XML-based REST API Graphical summary of applications, URL categories, threats and data (ACC) View, filter, export traffic, threat, URL, and data filtering logs	Network address translation (NAT)	✓
High Availability Active/Active, Active/Passive Configuration and session synchronization Interface and IP tracking Link and path failure monitoring Management and Visibility Tools Integrated web interface, CLI and centralized management (Panorama) Shared policies and objects (Panorama) Role-based administration (Individual Device or Panorama) Syslog and SNMPv2/v3 XML-based REST API Graphical summary of applications, URL categories, threats and data (ACC) View, filter, export traffic, threat, URL, and data filtering logs	DHCP server/ DHCP relay (up to 3 servers)	✓
Active/Active, Active/Passive Configuration and session synchronization Interface and IP tracking Link and path failure monitoring Management and Visibility Tools Integrated web interface, CLI and centralized management (Panorama) Shared policies and objects (Panorama) Role-based administration (Individual Device or Panorama) Syslog and SNMPv2/v3 XML-based REST API Graphical summary of applications, URL categories, threats and data (ACC) View, filter, export traffic, threat, URL, and data filtering logs	IPv6 application control and inspection	✓
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Configuration and session synchronization Interface and IP tracking Link and path failure monitoring Management and Visibility Tools Integrated web interface, CLI and centralized management (Panorama) Shared policies and objects (Panorama) Role-based administration (Individual Device or Panorama) Syslog and SNMPv2/v3 XML-based REST API Graphical summary of applications, URL categories, threats and data (ACC) View, filter, export traffic, threat, URL, and data filtering logs	Active/Active, Active/Passive	✓
Link and path failure monitoring Management and Visibility Tools Integrated web interface, CLI and centralized management (Panorama) Shared policies and objects (Panorama) Role-based administration (Individual Device or Panorama) Syslog and SNMPv2/v3 XML-based REST API Graphical summary of applications, URL categories, threats and data (ACC) View, filter, export traffic, threat, URL, and data filtering logs		✓
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Integrated web interface, CLI and centralized management (Panorama) Shared policies and objects (Panorama) Role-based administration (Individual Device or Panorama) Syslog and SNMPv2/v3 XML-based REST API Graphical summary of applications, URL categories, threats and data (ACC) View, filter, export traffic, threat, URL, and data filtering logs	Link and path failure monitoring	✓
Shared policies and objects (Panorama) Role-based administration (Individual Device or Panorama) Syslog and SNMPv2/v3 XML-based REST API Graphical summary of applications, URL categories, threats and data (ACC) View, filter, export traffic, threat, URL, and data filtering logs		
Shared policies and objects (Panorama) Role-based administration (Individual Device or Panorama) Syslog and SNMPv2/v3 XML-based REST API Graphical summary of applications, URL categories, threats and data (ACC) View, filter, export traffic, threat, URL, and data filtering logs	Integrated web interface, CLI and centralized management (Panorama)	✓
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Syslog and SNMPv2/v3 XML-based REST API Graphical summary of applications, URL categories, threats and data (ACC) View, filter, export traffic, threat, URL, and data filtering logs	Role-based administration (Individual Device or Panorama)	✓
Graphical summary of applications, URL categories, threats and data (ACC) ✓ View, filter, export traffic, threat, URL, and data filtering logs		✓
View, filter, export traffic, threat, URL, and data filtering logs ✓	XML-based REST API	✓
	Graphical summary of applications, URL categories, threats and data (ACC)	✓
Fully customizable reporting ✓	View, filter, export traffic, threat, URL, and data filtering logs	✓
		√