Platform Specifications and Features Summary

PA-5060

20 Gbps

10 Gbps

4 Gbps

120,000

PA-5050

10 Gbps

5 Gbps

4 Gbps

120,000

Performance and Capacities¹

Threat prevention throughput

IPSec VPN throughput

New sessions per second

Firewall throughput (App-ID enabled)

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PA-5020	PA-4060	PA-4050	PA-4020	PA-3050	PA-3020		
5 Gbps	10 Gbps	10 Gbps	2 Gbps	4 Gbps	2 Gbps		
2 Gbps	5 Gbps	5 Gbps	2 Gbps	2 Gbps	1 Gbps		
2 Gbps	2 Gbps	2 Gbps	1 Gbps	500 Mbps	500 Mbps		
120,000	60,000	60,000	60,000	50,000	50,000		
1,000,000	2,000,000	2,000,000	500,000	500,000	250,000		
2,000	4,000	4,000	2,000	2,000	1,000		
5,000	10,000	10,000	5,000	2,000	1,000		
00	105	105		10	40		

	120,000 120,000		00,000 00,000		00,000	00,000		
Max sessions	4,000,000	2,000,000	1,000,000	2,000,000	2,000,000	500,000	500,000	250,000
IPSec VPN tunnels/tunnel interfaces	8,000	4,000	2,000	4,000	4,000	2,000	2,000	1,000
GlobalProtect (SSL VPN) concurrent users	20,000	10,000	5,000	10,000	10,000	5,000	2,000	1,000
Virtual routers	225	125	20	125	125	20	10	10
Virtual systems (base/max ²)	25/225*	25/125*	10/20*	25/125*	25/125*	10/20*	1/6*	1/6*
Security zones	900	500	80	500	500	80	40	40
Max number of policies	40,000	20,000	10,000	20,000	20,000	10,000	5,000	2,500
Interfaces and Hardware Specifications	PA-5060	PA-5050	PA-5020	PA-4060	PA-4050	PA-4020	PA-3050	PA-3020
Interfaces supported ³	(12) 10/100/1000, (8) Gigabit SFP, (4) 10 Gigabit SFP+ (12) 10/100/1000, (8) Gigabit SFP		(4) 10 Gigabit XFP,(4) Gigabit SFP	(16) 10/100/1000, (8) Gigabit SFP		(12) 10/100/1000, (8) Gigabit SFP		
Management I/O	(2) 10/100/1000 high availability, (1) 10/100/1000 out-of- band management, (1) RJ45 console			(2) 10/100/1000 high availability, (1) 10/100/1000 out-of- band management, (1) DB9 console port			(1) 10/100/1000 out-of-band management, (2) 10/100/1000 high availability, (1) RJ-45 console	
Rack mountable?	2U, 19" standard rack			2U, 19" standard rack			1U, 19" standard rack	
Power supply	Redundant 450W AC or DC			Redundant 400W			250W	
Disk drives	120GB or 240GB SSD, RAID Optional			160GB			120GB SSD	
Hot swap power supply	Yes		Yes			No		
Hot swap fans	Yes		No			No		

Performance and Capacities ¹	PA-2050 PA-2020		PA-500	PA-200	VM-Series Virtual Firewall ⁴		
					VM-300	VM-200	VM-100
Firewall throughput (App-ID enabled)	1 Gbps	500 Mbps	250 Mbps	100 Mbps	1 Gbps		
Threat prevention throughput	500 Mbps	200 Mbps	100 Mbps	50 Mbps	600 Mbps		
IPSec VPN throughput	300 Mbps	200 Mbps	50 Mbps	50 Mbps	250 Mbps		
New sessions per second	15,000 15,000		7,500	1,000	8,000		
Max sessions	250,000	125,000	64,000	64,000	250,000	100,000	50,000
IPSec VPN tunnels/tunnel interfaces	2,000	1,000	250	25	2,000	500	25
GlobalProtect (SSL VPN) concurrent users	1,000	500	100	25	500	200	25
Virtual routers	10	10	3	3	3	3	3
Virtual systems (base/max ²)	1/6*	1/6*	N/A	N/A	N/A	N/A	N/A
Security zones	40	40	20	10	40	20	10
Max number of policies	5,000	2,500	1,000	250	5,000	2,000	250
Interfaces and Hardware Specifications	PA-2050	PA-2020	PA-500	PA-200	VM-300	VM-200	VM-100
Interfaces supported ³	(16) 10/100/1000, (4) Gigabit SFP	(12) 10/100/1000, (2) Gigabit SFP	(8) 10/100/1000	(4) 10/100/1000	N/A	N/A	N/A
Management I/O	(1) 10/100/1000 out-of-band management, (1) RJ-45 console port		(1) 10/100/1000 out-of-band management, (1) RJ-45 console port		N/A	N/A	N/A
Rack mountable?	1U, 19" standard rack		1U, 19" standard rack	1.75" H x 7"D x 9.25"	N/A	N/A	N/A
Power supply	250W		180W	40W	N/A	N/A	N/A
Disk drives	160GB		160GB	16GB SSD	N/A	N/A	N/A
Hot swap power supply	t swap power supply No		No	No	N/A	N/A	N/A
Hot swap fans No		No	No	N/A	N/A	N/A	
Virtualization Specifications				VM-300	VM-200	VM-100	
HyperVisor			N/A		VMware ESXi 4.1 and ESXi 5.0		
Network driver	N/A				VMXNet3		
Dedicated CPU cores			N/A		2, 4 or 8		
Dedicated Memory (Minimum)			N/A 4GB				
Dedicated Disk drive capacity (Min/Max)			N/A		40GB/2TB		

1) Performance and capacities are measured under ideal testing conditions with App-ID enabled and PAN-OS 5.0.

2) Adding virtual systems to the base quantity requires a separately purchased license.

3) SFP, SFP+ and XFP transceivers are sold separately.

4) VM-Series performance and capacities are measured under ideal testing conditions with App-ID enabled and PAN-OS 5.0 using 4 CPU cores.

Platform Specifications and Features Summary



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Pelogbased doried by user, group or IP address, appleation, applea		
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IPSec VPN (abscisée) and SSL VPN (doba@Protect) ////////////////////////////////////		✓
User contric Acis Directory, LDAP, aDirectory, Exchange, Cath, and Moreooft Terminal Services, XML API (User-ID) 		✓
Threat Procention (Subscription Required) Stram-based protection against functions embedded in HTML, Javascript, PDF and compressed), spyware, worms Drive-by download protection Drive-by download protection Mark PD, Holen Markow M, Markel M, Javascript, PDF and compressed), spyware, worms Drive-by download protection Mark PD, Holen M, Markel M, Markel M, Javascript, PDF and compressed), spyware, worms Markel M, Holen M, Markel M, M	IPSec VPN (site-to-site) and SSL VPN (GlobalProtect)	√
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WildFire Modern Malvane Protection Automated signature generation for discovered malvare / Automated signature generation for discovered malvare / Inine control of malvare infection, and command/control Walfic / VRL Entering (Subscription Required) / Bidirectional control over the transfer of more flan 60 file types / Bidirectional control over the transfer of more flan 50 file types / OS / / OS		\checkmark
Sand backased detection of unknown makwere / Autonated signature generation for discovered makware / Inline control of makware infection, and command/control traffic / TPC Etatorg() discovered makware / TPC Etatorg discovered makware / TPC Etatorg discovered makware / TPC Etatorg discovered m	Behavioral botnet detection	\checkmark
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Inline control of makware interiction, and command/control traffic URL Fittering (Bubscription Acquired) 76-Category/20 million URL on-box customizable database 76-Category/20 million URL on-box customizable database 78-Category/20 million URL on-box customizable database 79-Category/20 million URL on-box (U	Automated signature generation for discovered malware	\checkmark
URL Filtering (Subscription Required) 76-Catagory200 sculomicable database Customication allow, block lists and block pages Custom categories File and bata Filtering Bidrectional control over the numbriced transfer of more than 80 file types Bidrectional control over the numbriced transfer of more than 80 file types Bidrectional control over the numbriced transfer of more than 80 file types Bidrectional control over the numbriced transfer of more than 80 file types Bidrectional control over the numbriced transfer of more than 80 file types Obstam Bidrectional control over the numbriced transfer of Social Security Numbers, Credit Card Numbers, custom data patterns Obstam Paticy based differs thaping (priority, guaranteed, maximum) per application, per user, per tunnel and more Policy based differs thaping (priority, Guaranteed, maximum) per application, Per application		\checkmark
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Custom categories // /////////////////////////////////		✓
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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 ✓		▼
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 ✓		
System Initial points (Initial Device or Panorama) System Image: System System Image: System XML-based REST API Image: System Graphical summary of applications, URL categories, threats and data (ACC) Image: System View, filter, export traffic, threat, URL, and data filtering logs Image: System		•
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 ✓		
XML-based REST API ✓ Graphical summary of applications, URL categories, threats and data (ACC) ✓ View, filter, export traffic, threat, URL, and data filtering logs ✓		✓
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		•
		✓
	View, filter, export traffic, threat, URL, and data filtering logs	\checkmark
	Fully customizable reporting	✓