

# 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 Gbps  | 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** | (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 | (16) 10/100/1000 + (4) Gigabit SFP | (8) 10/100/1000  | (12) 10/100/1000 + (2) Gigabit SFP | (8) 10/100/1000 |
| Management I/O         | (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           | 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, CE 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 |
|--|--------------------------------|
| <b>Firewall</b>  |                                |
| 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)      | ✓                              |
| <b>Threat Prevention (Subscription Required)</b>   |                                |
| Stream-based protection against viruses (including those embedded in HTML, Javascript, PDF and compressed), spyware, worms | ✓                              |
| Drive-by download protection   | ✓                              |
| Behavioral botnet detection  | ✓                              |
| <b>URL Filtering (Subscription Required)</b>   |                                |
| 76-Category/20 million URL on-box customizable database  | ✓                              |
| Customizable allow and block lists   | ✓                              |
| Customizable block page  | ✓                              |
| Custom categories  | ✓                              |

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|   |   |
|---|---|
| <b>File and Data Filtering</b>  |   |
| Block the unauthorized transfer of more than 50 file types  | ✓ |
| Identify and control the transfer of Social Security Numbers, Credit Card Numbers, Custom Data Patterns     | ✓ |
| <b>QoS</b>  |   |
| Policy-based traffic shaping (priority, guaranteed, maximum) per application, per user, per tunnel and more | ✓ |
| Policy-based diffserv marking   | ✓ |
| <b>VPN Connectivity</b>   |   |
| SSL VPN (Remote Access)   | ✓ |
| IPSec VPN (Site-to-Site)  | ✓ |
| <b>GlobalProtect (Subscription Required)</b>  |   |
| Consistent policy for all users – no matter where they are located  | ✓ |
| <b>Networking</b>   |   |
| 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)   | ✓ |
| DHCP server/ DHCP relay (up to 3 servers)   | ✓ |
| IPv6 application control and inspection   | ✓ |
| <b>High Availability</b>  |   |
| Active/Active, Active/Passive   | ✓ |
| Configuration and session synchronization   | ✓ |
| Interface and IP tracking   | ✓ |
| Link and path failure monitoring  | ✓ |
| <b>Management and Visibility Tools</b>  |   |
| 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  | ✓ |
| Fully customizable reporting  | ✓ |