

PA-200



Palo Alto Networks® PA-200 is a next-generation firewall appliance for distributed enterprise branch offices and midsize businesses.

Key Security Features:

Classifies all applications, on all ports, all the time

- Identifies the application, regardless of port, encryption (SSL or SSH), or evasive technique employed.
- Uses the application, not the port, as the basis for all of your safe enablement policy decisions: allow, deny, schedule, inspect and apply traffic-shaping.
- Categorizes unidentified applications for policy control, threat forensics or App-ID™ development.

Enforces security policies for any user, at any location

- Deploys consistent policies to local and remote users running on the Windows®, Mac® OS X®, Linux®, Android®, or Apple® iOS platforms.
- Enables agentless integration with Microsoft® Active Directory® and Terminal Services, LDAP, Novell® eDirectory™ and Citrix®.
- Easily integrates your firewall policies with 802.1X wireless, proxies, NAC solutions, and any other source of user identity information.

Prevents known and unknown threats

- Blocks a range of known threats, including exploits, malware and spyware, across all ports, regardless of common threat-evasion tactics employed.
- Limits the unauthorized transfer of files and sensitive data, and safely enables non-work-related web surfing.
- Identifies unknown malware, analyzes it based on hundreds of malicious behaviors, and then automatically creates and delivers protection.



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The controlling element of the PA-200 is PAN-OS®, a security-specific operating system that natively classifies all traffic, inclusive of applications, threats and content, and then ties that traffic to the user, regardless of location or device type. The application, content, and user – in other words, the business elements that run your business – are then used as the basis of your security policies, resulting in an improved security posture and a reduction in incident response time.

Performance and Capacities ¹	PA-200
Firewall throughput (App-ID enabled)	100 Mbps
Threat prevention throughput	50 Mbps
IPsec VPN throughput	50 Mbps
New sessions per second	1,000
Max sessions	64,000

¹ Performance and capacities are measured under ideal testing conditions using PAN-OS 7.1.

The PA-200 supports a wide range of networking features that enable you to more easily integrate our security features into your existing network.

Networking Features

Interface Modes

L2, L3, Tap, Virtual wire (transparent mode)

Routing

OSPFv2/v3 with graceful restart, BGP with graceful restart, RIP, Static routing

Policy-based forwarding

Point-to-Point Protocol over Ethernet (PPPoE)

Multicast: PIM-SM, PIM-SSM, IGMP v1, v2, and v3

Bidirectional Forwarding Detection (BFD)

IPv6

L2, L3, Tap, Virtual wire (transparent mode)

Features: App-ID, User-ID, Content-ID, WildFire and SSL decryption

SLAAC

IPsec VPN

Key exchange: Manual key, IKEv1 and IKEv2 (pre-shared key, certificate-based authentication)

Encryption: 3DES, AES (128-bit, 192-bit, 256-bit)

Authentication: MD5, SHA-1, SHA-256, SHA-384, SHA-512

VLANs

802.1q VLAN tags per device/per interface: 4,094/4,094

Network Address Translation (NAT)

NAT modes (IPv4): Static IP, dynamic IP, dynamic IP and port (port address translation)

NAT64, NPTv6

Additional NAT features: Dynamic IP reservation, tunable dynamic IP and port oversubscription

High availability

Active/Passive with no session synchronization

Failure detection: Path monitoring, interface monitoring

Hardware Specifications

I/O

(8) 10/100/1000

Management I/O

(1) 10/100/1000 out-of-band management port,
(1) RJ-45 console port

Storage capacity

16GB SSD

Power supply (Avg/Max power consumption)

40W (20W/30W)

Max BTU/hr

102 BTU

Input voltage (Input frequency)

100-240VAC (50-60Hz)

Max current consumption

3.3A@100VAC

Mean Time Between Failure (MTBF)

13 years

Weight (Stand-alone device/As shipped)

2.8 lbs /5.0 lbs Shipping

Safety

cCSAus, CB

EMI

FCC Class B, CE Class B, VCCI Class B

Certifications

See: <https://www.paloaltonetworks.com/company/certifications.html>

Environment

Operating temperature: 32 to 104 F, 0 to 40 C

Non-operating temperature: -4 to 158 F, -20 to 70 C

To view additional information about the features and associated capacities of the PA-200, please visit www.paloaltonetworks.com/products.



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