

# 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.



PA-200

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 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           | 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   |

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

(4) 10/100/1000

### Management I/O

10/100 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](http://www.paloaltonetworks.com/products).



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