

# 10 REASONS TO UPGRADE TO AN NSa 9250 OR 9450 FROM AN NSa E7500 OR E8500 SERIES



## Quick Glance

Feature	NSa E7500 Series	NSa E8500 Series	NSa 9250	NSa 9450
Memory (RAM)	2 GB	4 GB	16 GB	32 GB
2.5 GbE interfaces	0	0	8	8
10 GbE interfaces	0	2	12	12
Dedicated management interface	0	0	1 GbE	1 GbE
Maximum connections				
SPI	1,500,000	1,500,000	7,500,000	10,000,000
DPI	1,000,000	1,250,000	3,000,000	4,000,000
DPI SSL	750	750	18,000	24,000
SSO users	7,000	7,000	80,000	90,000
Site-to-site VPNs	10,000	10,000	12,000	12,000
Storage module	None	None	Pre-populated 128 GB	Pre-populated 128 GB
Access points supported	128	128	256	256
Capture Advanced Threat Protection service	-	-	✓	✓
Capture Security Center	-	-	✓	✓

### 1. More onboard memory

- **The Benefit:** Increased onboard memory allows for more rules/policies, users and log messages to be stored on the firewall.
- **The Difference:** The NSa 9250 and NSa 9450 have up to 16x the onboard memory of the NSa E7500 (16 GB/32 GB vs. 2 GB) and up to 8x the onboard memory of the NSa E8500 series (16 GB/32 GB vs. 4 GB).

### 2. Higher port density

- **The Benefit:** Having a greater number of ports allows organizations to connect more SonicWall devices directly to the firewall without needing to purchase a switch. In addition, organizations that require increased throughput to support bandwidth-intensive applications and data transfer need multi-gigabit ports.
- **The Difference:** The NSa 9250 and NSa 9450 have over 3x the number of ports as the NSa E7500 and NSa E8500 series (28 vs. 8). The NSa 9250 and NSa 9450 also feature eight 2.5 GbE ports along with 12 10 GbE ports, while the NSa E7500 and E8500 series have no 2.5 GbE ports and the NSa E8500 has only two 10 GbE ports.

### 3. Dedicated management interface

- **The Benefit:** The dedicated management interface provides additional security by separating management traffic from other network traffic.
- **The Difference:** The NSa 9250 and NSa 9450 include a dedicated 1 GbE management interface not included with the NSa E7500 and E8500 series.

### 4. More concurrent connections

- **The Benefit:** Having a higher number of concurrent connections provides greater scalability by enabling more simultaneous user sessions to be active and tracked by the firewall.
- **The Difference:** The NSa 9250 and NSa 9450 enable a much larger number of deep packet inspection and deep packet inspection of TLS/SSL-encrypted connections compared to the NSa E7500 and E8500 series.

### 5. More single sign-on (SSO) users

- **The Benefit:** Single sign-on improves employee productivity and reduces IT support costs by enabling users to gain access to connected systems with a single ID and password.
- **The Difference:** The NSa 9250 and NSa 9450 allow a dramatically larger population of users (80,000/90,000 vs. 7,000) to benefit from the use of single sign-on.

## 6. More site-to-site VPN tunnels

- **The Benefit:** For organizations with remote and branch locations such as Retail POS businesses, the ability to create a larger number of site-to-site VPN tunnels to connect distributed networks together and securely share data is essential.
- **The Difference:** The NSa 9250 and NSa 9450 enable the creation of 20% more site-to-site VPN tunnels than the NSa E7500 and E8500 series (12,000 vs. 10,000).

## 7. Onboard storage

- **The Benefit:** Having an onboard module enables local storage of logs, reports, last signature updates, firmware backup and restores and more.
- **The Difference:** The NSa 9250 and NSa 9450 include an expansion slot that is pre-populated with a 128 GB storage module. The NSa E7500 and NSa E8500 series do not include a local storage module.

## 8. Support for a greater number of SonicWave 802.11ac Wave 2 wireless access points

- **The Benefit:** The option to connect a larger number of wireless access points to a single firewall enables organizations to extend their wireless network farther without purchasing additional hardware.
- **The Difference:** The NSa 9250 and NSa 9450 support twice the number of connected SonicWave wireless access points as the NSa E7500 and NSa E8500 series (256 vs. 128).

## 9. Increased security against advanced threats through SonicWall Capture Advanced Threat Protection (ATP)

- **The Benefit:** Advanced threats are on the rise affecting all organizations. SonicWall Capture ATP, a multi-engine cloud-based service, provides high security effectiveness against advanced persistent threats and zero-day attacks.
- **The Difference:** SonicWall Capture ATP is available for the NSa 9250 and NSa 9450. This service is not available for the NSa E7500 or NSa E8500 series.

## 10. Simplicity, reliability and operational efficiency of cloud management through SonicWall Capture Security Center

- **The Benefit:** The Capture Security Center monitors firewalls 24x7 and sends immediate alerts on problems detected. It ensures error-free policy changes through its change management and workflow feature. Capture Security Center Reporting and Analytics provide telemetry on threats blocked, user activity, and traffic patterns. A SonicWall-managed cloud infrastructure eliminates the upfront and ongoing maintenance costs for the user.
- **The Difference:** The NSa 9250 and NSa 9450 running AGSS or CGSS include Capture Security Center Basic Management at no charge. Workflow, Reporting and Analytics are also available as optional subscriptions. The NSa E7500 and NSa E8500 series run SonicOS 5.9 which is not supported by the Capture Security Center.

## About Us

SonicWall has been fighting the cyber-criminal industry for over 25 years, defending small, medium size businesses and enterprises worldwide. Our combination of products and partners has enabled a real-time cyber defense solution tuned to the specific needs of the more than 500,000 businesses in over 150 countries, so you can do more business with less fear.