SONICWALL®

10 REASONS TO UPGRADE TO AN NS*a* 9250 OR 9450 FROM AN NS*a* E7500 OR E8500 SERIES

Quick Glance

Feature	NS*a* E7500 Series	NS*a* E8500 Series	NS*a* 9250	NS*a* 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 NS*a* 9250 and NS*a* 9450 have up to 16x the onboard memory of the NS*a* E7500 (16 GB/32 GB vs. 2 GB) and up to 8x the onboard memory of the NS*a* 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 NS*a* 9250 and NS*a* 9450 have over 3x the number of ports as the NS*a* E7500 and NS*a* E8500 series (28 vs. 8). The NS*a* 9250 and NS*a* 9450 also feature eight 2.5 GbE ports along with 12 10 GbE ports, while the NS*a* E7500 and E8500 series have no 2.5 GbE ports and the NS*a* 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 NS*a* 9250 and NS*a* 9450 include a dedicated 1 GbE management interface not included with the NS*a* 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 NS*a* 9250 and NS*a* 9450 enable a much larger number of deep packet inspection and deep packet inspection of TLS/SSL-encrypted connections compared to the NS*a* 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 NS*a* 9250 and NS*a* 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 NS*a* 9250 and NS*a* 9450 enable the creation of 20% more site-to-site VPN tunnels than the NS*a* 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 NS*a* 9250 and NS*a* 9450 include an expansion slot that is pre-populated with a 128 GB storage module. The NS*a* E7500 and NS*a* 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 NS*a* 9250 and NS*a* 9450 support twice the number of connected SonicWave wireless access points as the NS*a* E7500 and NS*a* 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 NS*a* 9250 and NS*a* 9450. This service is not available for the NS*a* E7500 or NS*a* 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 NS*a* 9250 and NS*a* 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 NS*a* E7500 and NS*a* 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.

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