

# Embrace a secure future and server infrastructure

Lenovo

AMD



As an IT decision maker, security is likely a top concern as you manage your IT infrastructure. Business success hinges on secure operations, and this is precisely why Lenovo ThinkSystem, ThinkAgile and ThinkEdge servers, driven by AMD EPYC™ processors, not only excel in performance, manageability, and energy efficiency, but work to ensure outstanding security.

With a solid nine-year track record as the industry's most reliable servers and a consistent four-year lead in security among all x86 servers<sup>1</sup>, Lenovo continually demonstrates security leadership. AMD Infinity Guard, a key feature of AMD EPYC processors, further enhances security of Lenovo servers to protect vital data.<sup>2</sup>

## Discover peace of mind with Lenovo & AMD server infrastructure

### Lenovo ThinkSystem Servers are #1 in security

for all x86 vendors for 4 years running.<sup>3</sup>



**\$4.35 million**

is the average cost of a data breach for enterprises according to the Ponemon Institute.<sup>4</sup>



### Top 10

Lenovo's secure supply chain is ranked #8 among all supply chains, #3 among high-tech supply chains, and the #1 supply chain in AP for 2023.<sup>5</sup>



## Top-ranked security and reliability

#### Immutable Root of Trust

With ThinkSystem, ThinkAgile and ThinkEdge servers powered by AMD EPYC processors, the Immutable Root of Trust feature establishes an important foundation for security, helping ensure that the server starts with a verified configuration, guarding against attacks that target firmware vulnerabilities.

#### Processor protection

Lenovo servers combined with AMD Infinity Guard offer robust layers of security with enhanced protection against a wide range of sophisticated attacks, bolstering the server's overall security posture.

#### Security from manufacturing to deployment

Lenovo System Guard monitors server internal hardware inventory from the manufacturing floor to customer deployment to detect potential tampering.

#### Supplier security standards

Lenovo's Trusted Supplier Program specifies supplier security requirements and carefully screens suppliers to ensure they meet stringent security standards.

#### End-to-end security

The Lenovo Secure Development Lifecycle integrates security practices from the earliest stages of product development, ensuring that security measures are woven into the product's design, code, and features.

#### Confidence in confidentiality

Lenovo's Confidential Computing solution takes virtualized environments to a new level of privacy and security. By using hardware-based encryption and isolation, sensitive data remains protected even in shared virtualized environments.

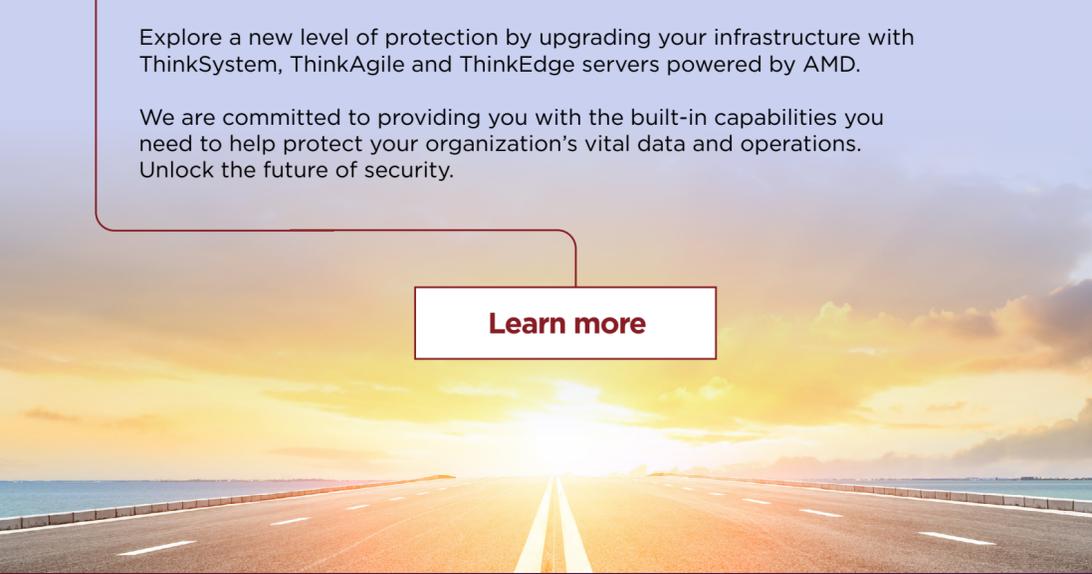


### The demand for advanced security solutions has never been more pressing.

Explore a new level of protection by upgrading your infrastructure with ThinkSystem, ThinkAgile and ThinkEdge servers powered by AMD.

We are committed to providing you with the built-in capabilities you need to help protect your organization's vital data and operations. Unlock the future of security.

[Learn more](#)



<sup>1</sup> <https://itc-corp.com/itc-2022-global-server-reliability-results/>, and <https://itc-corp.com/itm-2-itm-power-systems-lenovo-thinksystem-servers-most-secure-toughest-to-crack/>

<sup>2</sup> AMD Infinity Guard features vary by EPYC™ Processor generations. Infinity Guard security features must be enabled by server OEMs and/or Cloud Service Providers to operate. Check with your OEM or provider to confirm support of these features. Learn more about Infinity Guard at <https://www.amd.com/en/technologies/infinity-guard>. GD383

<sup>3</sup> among all x86 servers. <https://www.lenovo.com/us/en/resources/data-center-solutions/analyst-reports/itc-global-server-hardware-security-survey-2022/>

<sup>4</sup> <https://phoenixnap.com/blog/cost-of-data-breach>

<sup>5</sup> <https://news.lenovo.com/pressroom/press-releases/lenovo-ranked-no-1-in-the-partner-asia-pacific-supply-chain-top-10-2023-ranking-for-the-2nd-time/#:~:text=Lenovo%E2%80%99s%20Asia%20Pacific%20first%20place%20rankings%20follows%20shortly%20after%20Supply%20Chain%20Top%2025%3A%20High%20Tech%20Category>

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