

Self-Encrypting Drives (SEDs)

Protects data at rest against loss or theft and secures drive retirement, disposal, or repurposing



Businesses worldwide rely on System x storage. System x's encryption expertise, as well as our global presence, provides the secure storage products. Our encrypted solutions can also reduce your storage management complexity.

A company's data is one of its most valuable assets. Stolen data can mean high customer notification costs, tarnished reputation and a loss of customers. Despite the "protection" in the data center, Seagate estimates that 50,000 drives a day leave the data center and are routinely sent out for warranty repair, lease return, disposal or are repurposed or sold. This is often an unrecognized and significant potential source of data breach. In addition, entire servers are at risk from "smash-and-grab" theft from local storefronts—an event that can quickly put a small business out of business.

SEDs provide government-grade data security helping ensure Safe Harbor for data privacy compliance without hindering IT efficiency. Strong enough for national security, yet easy enough for the one-person IT department, SEDs simplify decommissioning and preserve hardware value for returns and repurposing.

Secure SED technology provides two key benefits:

- **Instant Secure Erase:** Cryptographically erases a drive in less than a second enabling secure drive return, disposal, or reuse.
- **Auto-Lock:** Automatically locks the drive and secures the data the moment a drive is removed from a system or is misplaced or stolen.



Product Name	Interface	Form Factor	Capacity	Cache	Spindle Speed
146 GB 15,000 6 Gbps SAS 2.5" SFF Slim-HS SED	6 Gbps SAS	2.5 inch	146 GB	16 MB	15,000 rpm
300 GB 10,000 6 Gbps SAS 2.5" SFF Slim-HS SED	6 Gbps SAS	2.5 inch	300 GB	16 MB	10,000 rpm

SEDs require TCG-compliant host or controller support

Why System x

System x is the leading provider of x86 systems for the data center. The portfolio includes rack, tower, blade, dense and converged systems, and supports enterprise class performance, reliability and security. System x also offers a full range of networking, storage, software and solutions, and comprehensive services supporting business needs throughout the IT lifecycle.

For more information

To learn more about the IBM Self-Encrypting Drives (SEDs), contact your Business Partner or visit lenovo.com/thinkserver

World Wide Web

U.S. ibm.com/systems/x

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IBM x86 products are now products of Lenovo in the U.S. and other countries. Learn more at ibm.com/lenovo-acquisition

