an iStorage Group Company iStorage® | KANGURU™

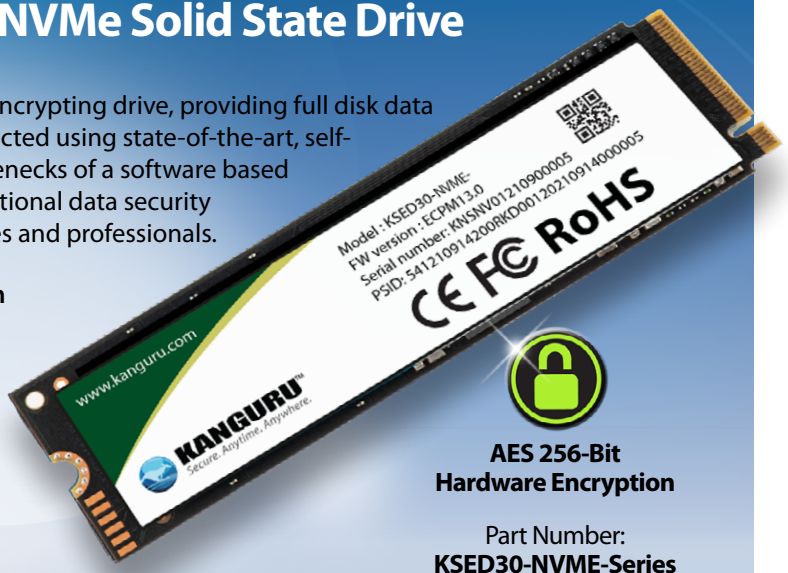
Kanguru Defender® Opal SED30™

High-Speed, FIPS Certified Data Protection

Self-Encrypting Corporate Internal NVMe Solid State Drive

The Kanguru Defender® Opal SED30™ is a hardware-based self-encrypting drive, providing full disk data security at rest, keeping your operating system locked and protected using state-of-the-art, self-contained implementation, with none of the performance bottlenecks of a software based encryption platform. The Defender Opal SED30™ provides exceptional data security benefits and performance for corporations, industries, businesses and professionals.

- **Full Drive Hardware Encryption with Pre-Boot Authentication**
- **Comprehensive Dashboard for User-Friendly Experience**
- **Secure Firmware with Digital Signature Controller and Flash Storage**



AES 256-Bit Hardware Encryption

Part Number:
KSED30-NVME-Series

TAA Compliant

Workforce Provisioning Tool

In addition, Kanguru's provisioning tools allow administrators to configure enforceable security policies for deployment to a global user workforce, which users must adhere to. Built on over 20 years of hardware security experience in the government certification world, users can be assured Kanguru is up to the task of keeping their organization's data assets safe.

FEATURES/BENEFITS

- 256-Bit AES Hardware Encryption
- Internal NVMe PCIe M.2, 2280 NVMe Gen 4 x 4
- Ideal for Laptops, Tablets and Computers
- Sensitive Cryptographic Keys are Never Exported from the Hardware Controller, Unlike Software Encryption Implementations
- Supports Global Security Profiles with Admin Access
- TAA Compliant for Government Procurement Contracts
- High-Performance Solid State Drive Technology with Sequential Read up to 7200MB/s and Sequential Write up to 6500MB/s
- Available Capacities*: 1T, 2T, 4T and 8T
- Compatible with Windows, Linux

TECHNICAL SPECIFICATIONS

PART NUMBER	KSED30-NVME-Series
CAPACITY*	1T, 2T, 4T, 8T
DEVICE TYPE	Self-Encrypting Internal M.2 NVMe SSD
FORM FACTOR	M.2 2280
INTERFACE	NVMe PCIe Gen 4 x 4
PERFORMANCE	Sequential Read up to 7200MB/s Sequential Write up to 6500MB/s 4K Random Read up to 1000K IOPS 4K Random Write up to 1000K IOPS
PRODUCT WEIGHT	14 g
WARRANTY	3 Years
TAA COMPLIANCE	Yes
COMPATIBILITY	Windows and Linux

KANGURU OPAL COMMANDER



Manage all aspects of the internal Self-Encrypting Drive from the onboard, dedicated hardware encryption processor. Hardware encryption persistently outperforms software encryption hands down. Leave the performance bottlenecks and vulnerabilities behind and be absolutely certain that all of your data is protected.

* *All listed capacities, within the xxx range are used for formatting and other functions and thus are not available for data storage. As such, the actual available capacity for data storage is less than what is listed on the products. Kanguru defines a gigabyte (GB) as 1,000,000,000 bytes.*

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