

# Kanguru Defender® Opal SED300™

FIPS 140-2 Certified, Self-Encrypting Internal SATA Solid State Drive

SATA 2.5", FIPS Certified  
Data Protection

This SATA self-encrypting drive (SED) is ideal for SMBs, Enterprise, Corporate and Public Sector where user computer and data protection is critical. Kanguru created this government FIPS 140-2 Certified hard drive with rugged hardware-based encryption to outperform software-based encryption in both speed and hack resistance.

The Kanguru Defender Opal SED300 offers highly secure, military grade AES 256-bit hardware encryption and FIPS 140-2 Certification, protecting against data breaches, brute-force attacks and more.

## 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.



FIPS 140-2 Certified



TAA Compliant

## TECHNICAL SPECIFICATIONS

|                  |                                                                                                                                    |
|------------------|------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER      | KSED300-SATA Series                                                                                                                |
| CAPACITY         | 500G, 1T, 2T                                                                                                                       |
| DEVICE TYPE      | Self-Encrypting 2.5" SATA SSD                                                                                                      |
| FORM FACTOR      | 2.5"                                                                                                                               |
| PERFORMANCE      | Sequential Read up to 550MB/s<br>Sequential Write up to 520MB/s<br>4K Random Read up to 99K IOPS<br>4K Random Write up to 90K IOPS |
| PRODUCT WEIGHT   | 18 g                                                                                                                               |
| WARRANTY         | 3 Years                                                                                                                            |
| CERTIFICATIONS   | FIPS 140-2, FIPS 197, TAA Compliance                                                                                               |
| OS COMPATIBILITY | Windows, Linux                                                                                                                     |

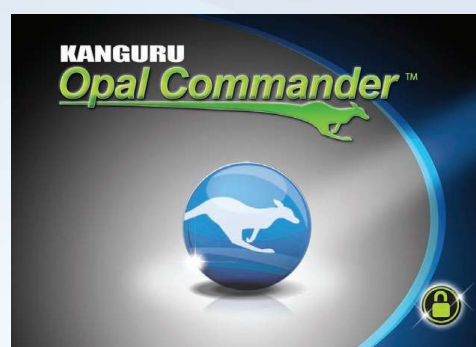


"Always On"  
AES 256-Bit Hardware Encryption

Part Number:  
**KSED300-SATA Series**

## FEATURES/BENEFITS

- FIPS 140-2 Certified, Level 2
- FIPS 197 Certified "Always On" 256-Bit AES Hardware Encryption
- TAA Compliant
- High-Performance Solid State Drive Technology
- Available Capacities: 500G, 1T, 2T



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.