



SanDisk Cruzer Enterprise FIPS Edition

Product Description

The SanDisk Cruzer Enterprise FIPS Edition is an encrypted USB thumb drive that implements password-based authentication and file encryption. It is compatible with Microsoft Windows operating systems from Windows 2000 onwards. Files are stored in FLASH memory on the device.

In its intended usage, the user mounts the USB drive in a trusted host computer, authenticates using their password and then is able to add/edit/delete files as they wish. Files are decrypted on-the-fly as the user requests them.

Evaluation Scope

The scope of the DSD Cryptographic Evaluation included the following functionality:

- Password authentication
- Encryption of data

Common Criteria Certification – Summary

The product was found to meet the requirements of the Common Criteria (CC) evaluation assurance level EAL2+.

DSD Findings and Recommendations

DSD performed a cryptographic evaluation on the product in addition to the Common Criteria evaluation.

SanDisk has manufactured a customised version of the SanDisk Cruzer for use by the Australian Government. These devices are clearly marked SD-GOV-4GB and carry the software version 2.5.10.50 and firmware version 6.615. Only devices with this marking and version number are approved for use. Prior version numbers are not evaluated and are not approved for use.

Use of this product reduces the classification of IN-CONFIDENCE and RESTRICTED data to UNCLASSIFIED when the data is at rest, in accordance with the Information Security Manual (ISM).

Agencies should implement a password policy enforcing a minimum password length of 12 characters, consisting of at least three of the following character sets:

- lowercase characters (a-z)
- uppercase characters (A-Z)
- digits (0-9), and
- punctuation and special characters

Recommendations given in this consumer guide take precedence over those in the ISM where there is a conflict.

Contact

For further information regarding the certification, cryptographic evaluation or compliance with the Information Security Manual for the SanDisk Cruzer please contact DSD on (02) 62650197 or email assist@dsd.gov.au

ISM 2009

The advice given in this document is in accordance with the Information Security Manual release date September 2009. Australian government agencies are reminded to periodically check the latest release date of the ISM at <http://www.dsd.gov.au/library/infosec/ism.html>.

Consumer Guide

This consumer guide was issued on 27 April 2010 by DSD.