



USB 3.1 Gen 1 Flash Drives **JetFlash® Vault 100**

Transcend's JetFlash Vault 100 is an encrypted USB flash drive that offers cryptographic protection with AES 256-bit hardware encryption in XTS mode. Utilizing the USB 3.1 Gen 1 interface, the JetFlash Vault 100 allows transferring all your confidential files and folders in a blazing-fast transfer rates.



AES-XTS encryption mode

XTS is the newest block cipher mode of Advanced Encryption Standard (AES) with stronger encryption capability over CBC and ECB modes. XTS uses two independent keys to encipher texts, being more secure and less predictable. Additionally, each block is individually encrypted, meaning that there's no effect to other blocks when one of them is corrupted.



FIPS 197 validation

The JetFlash Vault 100 is validated by the Federal Information Processing Standards (FIPS) (Validation No. 4142) run by the National Institute of Standards (NIST). FIPS 197 certification looks at the hardware encryption algorithms that does not require any driver or software installation on host PC to protect sensitive data from unauthorized tampering.



Waterproof and shock resistant

The JetFlash Vault 100 is assembled with durable, rubberized silicone outer casing to be shock resistant, and is IPX8 rated to offer protection against continuous immersion in water at a depth of more than 1 meter*.
*Conforming to IEC 60529 IPX8. Product must be clean and dry before use.



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JetFlash[®] Vault 100

Features

- Utilize USB 3.1 Gen 1 interface
- AES 256-bit hardware encryption in XTS mode
- FIPS 197 validation
- Waterproof and shock resistant

Specifications

Appearance

Dimensions (Max.)	63 mm x 22 mm x 10.5 mm (2.48" x 0.87" x 0.41")
Weight (Max.)	15 g (0.53 oz)
Color	Iron gray

Interface

Connection Interface	USB 3.1 Gen 1
USB Type	USB Type-A

Storage

Capacity	8 GB/16 GB/32 GB
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Technology

Encryption	Hardware-based
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Warranty

Certificate	CE/FCC/BSMI
Warranty	Five-year Limited Warranty

Note

1. Speed may vary due to host hardware, software, usage, and storage capacity.

Ordering Information

8GB	TS8GJFV100
16GB	TS16GJFV100
32GB	TS32GJFV100