

KIOXIA U301

KIOXIA 128GB TransMemory U301 USB 3.2 Flash Drive User Manual

Model: U301

1. INTRODUCTION

This manual provides essential information for the proper use and care of your KIOXIA 128GB TransMemory U301 USB 3.2 Flash Drive. Please read it thoroughly to ensure optimal performance and longevity of your device.

Product Features:

- 128 GB capacity for storing photos, music, videos, and documents.
- USB 3.2 Gen 1 technology for fast data transfer speeds.
- Backward compatible with USB 2.0 ports.
- Compact and portable design for easy transport.



Image 1.1: KIOXIA 128GB TransMemory U301 USB 3.2 Flash Drive. This image displays the white KIOXIA TransMemory U301 USB flash drive, highlighting its compact form factor and the KIOXIA branding along with the '128GB USB 3.2 Gen 1' capacity and speed markings.

2. SAFETY INFORMATION

Observe the following safety guidelines to prevent damage to the device or data loss:

- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping the device or subjecting it to strong impacts.
- Keep the device away from water and other liquids.
- Do not attempt to disassemble or modify the device. This will void the warranty.
- Always safely remove the USB flash drive from your computer before unplugging it to prevent data corruption.

3. SETUP

The KIOXIA TransMemory U301 is a plug-and-play device, requiring no special driver installation for most operating systems.

Connecting the Flash Drive:

1. Locate an available USB port on your computer or compatible device. For optimal performance, use a USB 3.2 Gen 1 (or USB 3.0) port.
2. Carefully insert the KIOXIA TransMemory U301 flash drive into the USB port. Ensure it is fully seated.

3. Your operating system should automatically detect the drive and make it accessible. A notification may appear indicating that a new device has been connected.



Image 3.1: KIOXIA TransMemory U301 USB Flash Drive. This image shows the KIOXIA TransMemory U301 USB flash drive from a top-down perspective, with its protective cap in place, emphasizing its simple and functional design.

4. OPERATING INSTRUCTIONS

Transferring Files:

1. Once the drive is recognized, open 'File Explorer' (Windows) or 'Finder' (macOS).
2. Locate the KIOXIA TransMemory U301 drive, typically listed under 'This PC' or 'Devices and drives'.
3. To copy files to the drive, drag and drop them from their source location into the drive's folder.
Alternatively, right-click on the files, select 'Copy', then navigate to the drive, right-click in an empty space, and select 'Paste'.
4. To copy files from the drive, follow the same drag-and-drop or copy/paste method in reverse.

Compatibility:

The KIOXIA TransMemory U301 is compatible with devices supporting USB Type-A ports and operating systems such as Windows, macOS, and Linux. It supports USB 3.2 Gen 1 for high-speed transfers and is backward compatible with USB 2.0 ports, though speeds will be limited to USB 2.0 specifications.

5. MAINTENANCE AND CARE

Proper care ensures the longevity and reliability of your flash drive:

- **Safe Removal:** Always use the 'Safely Remove Hardware and Eject Media' option on Windows or drag the drive icon to the 'Trash' (which changes to an 'Eject' symbol) on macOS before physically disconnecting the drive. This prevents data corruption.
- **Physical Protection:** Keep the protective cap on the USB connector when not in use to prevent dust and debris from entering.
- **Cleaning:** If necessary, gently wipe the exterior of the drive with a soft, dry, lint-free cloth. Do not use liquid cleaners or solvents.
- **Data Backup:** Regularly back up important data stored on the flash drive to another storage medium. While reliable, no storage device is immune to failure.

6. TROUBLESHOOTING

Drive Not Recognized:

- Ensure the drive is fully inserted into the USB port.
- Try a different USB port on your computer.
- Test the drive on another computer to rule out a computer-specific issue.
- Check 'Disk Management' (Windows) or 'Disk Utility' (macOS) to see if the drive is detected but not assigned a drive letter or mounted.

Slow Transfer Speeds:

- Ensure you are connected to a USB 3.2 Gen 1 (or USB 3.0) port. Connecting to a USB 2.0 port will result in slower speeds.
- Transferring many small files is generally slower than transferring a few large files of the same total size.
- Close other applications that might be using system resources or accessing other storage devices.

Cannot Write Files to Drive:

- Check if the drive is full. Delete unnecessary files or transfer them to another location.
- Verify that the file system (e.g., FAT32, exFAT, NTFS) supports the size of the files you are trying to transfer. FAT32 has a 4GB file size limit.
- Ensure you have write permissions for the drive.

7. SPECIFICATIONS






Feature	Detail
Brand	KIOXIA
Model Name	TransMemory U301
Memory Storage Capacity	128 GB
Connectivity Technology	USB
Hardware Interface	USB 3.0 (USB 3.2 Gen 1 compatible)
Hardware Connectivity Technology	USB Type A
Read Speed	Up to 6 MB/s (typical)
Write Speed	Up to 5 MB/s (typical)
Color	White
Product Dimensions	3.94 x 5.91 x 0.1 inches (approx. 51.4 x 21.4 x 8.4mm including cap)
Item Weight	0.282 ounces (approx. 8 g)

Note: Read and write speeds may vary depending on the host device, file size, and other factors.

8. WARRANTY AND SUPPORT

KIOXIA products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official KIOXIA website. For technical support or inquiries, please contact KIOXIA customer service through their official support channels.

Related Documents - U301

	<p>KIOXIA EXCERIA NVMe™ SSD: Yüksek Performanslı Depolama Çözümü</p> <p>KIOXIA EXCERIA NVMe™ SSD, M.2 2280 form faktöründe, PCIe Gen3 x4 arayüzü ile üstün okuma/yazma hızları sunar. BICS FLASH™ 3D bellek teknolojisi ve NVMe™ 1.3c desteği ile masaüstü ve dizüstü bilgisayarlar için idealdir. Detaylı teknik özellikler, uyumluluk bilgileri ve sipariş seçenekleri.</p>
	<p>KIOXIA EXCERIA PLUS G4 M.2 NVMe SSD Quick Start Guide</p> <p>This Quick Start Guide provides essential information for the KIOXIA EXCERIA PLUS G4 M.2 2280 NVMe SSD, including installation steps, safety precautions, disposal information, and technical support contacts. Learn how to safely install and use your high-performance SSD.</p>
	<p>KIOXIA EXCERIA G2 SSD Firmware Release Notes ECFA17.3</p> <p>Firmware release notes for the KIOXIA EXCERIA G2 SSD, version ECFA17.3, released on June 13, 2024. Details improvements including bug fixes and changes to the WCTEMP setting.</p>
	<p>KIOXIA EXCERIA PLUS G3 / EXCERIA G3 microSD Card Manual - User Guide</p> <p>Official user manual for KIOXIA EXCERIA PLUS G3 and EXCERIA G3 microSD cards. Provides essential information on product usage, safety precautions, data transfer speeds, technical specifications, support, and warranty.</p>
	<p>Cactus Technologies Industrial Grade -940S Series mSATA SSD Product Manual</p> <p>This product manual provides comprehensive details on the Cactus Technologies Industrial Grade -940S Series mSATA SSDs, covering specifications, features, interface, electrical characteristics, ATA commands, S.M.A.R.T. attributes, ordering information, and warranty details.</p>

[PowerScale Drive Support Package 1.43.2 Release Notes](#)

Release notes for the PowerScale Drive Support Package version 1.43.2, detailing new drives, resolved issues, and supported drive models for Dell PowerScale clusters running OneFS.