KIOXIA

EXCERIA PLUS G2 Portable SSD

Smaller in size, Big in performance

reddot winner 2025

GOOD DESIGN AWARD 2024

Capacity
500GB, 1TB, 2TB

Max Sequential Read/Write Speed[*1]
1,050/1,000 MB/s

Features
USB 3.2 Gen 2 interface

Include USB Type-C® to A, Type-C to C cable

Compatible with Windows OS, macOS, iOS, iPadOS, Android OS, PS4, PS4 Pro, PS5, Xbox Series X/S[*2]

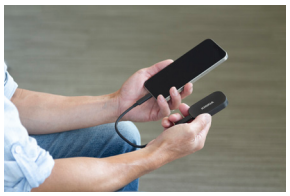
Durable shockproof housing compatible with MIL-STD drop test[*3]

Users can also utilize KIOXIA's SSD Utility management software for password protection to safeguard valuable data.

Introducing KIOXIA's portable SSD, the EXCERIA PLUS G2 Portable SSD series. Now smaller and lighter compared to the EXCERIA PLUS Portable SSD, the G2's chic and timeless design takes mobility to the next level. Well-suited for content creators, KIOXIA's BiCS FLASH™ 3D flash memory helps deliver speeds of up to 1,050MB/s read*[1]. The EXCERIA PLUS G2 Portable SSD series prioritizes portability with a shockproof housing*[3] that fits up to 2TB of data in the palm of your hand for today's on-the-go users.

Sleek, Stylish, and Smaller

Now more compact than ever, your data can go where you go—in style. The all-new KIOXIA EXCERIA PLUS G2 Portable SSD series offers reduced size and weight that transcends pocket-sized. With a smooth, rounded aluminum housing, this portable SSD series offers compact, handy storage for users who seek out timeless design in their mobile lifestyle.



Universal Features

Compatible out-of-the-box with Windows OS, macOS, iOS, iPadOS, Android™ OS, PS4, PS4 Pro, PS5 and Xbox Series X/S*[4], the EXCERIA PLUS G2 Portable SSD features a slim USB Type-C® connector with a USB 3.2 Gen 2 interface enabling you to quickly transfer 4K videos and high-res photos. Each EXCERIA PLUS G2 Portable SSD includes both a Type-C to A and Type-C to C cable to ensure your drive works on both current and legacy systems.

Worry-Free Portability

Compatible with MIL-STD drop tests*[2], the EXCERIA PLUS G2 Portable SSD features a shockproof housing and has no moving parts making it highly durable. Its aluminum housing also enables effective heat dissipation*[3] during heavy workloads. For peace of mind, you can password protect and safeguard up to 2TB of data, even if you lose your EXCERIA PLUS G2 Portable SSD.

BiCS FLASH™

Cutting Edge 3D Flash Memory

Each EXCERIA SSD is built with BiCS FLASH™ and a vertically stacked cell structure, delivering a cutting edge storage experience.

Password Protection

Need to secure your data? SSD Utility enables password protection on your EXCERIA PLUS G2 Portable SSD. Password protection complies with TCG Opal Version 2.01 and protects your data with 256-bit AES hardware encryption.

We highly recommend you install and update to the latest version to maximize your drive's performance and check its Percentage Life Left using the health gauge.

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Specifications

Physical

Capacity
500GB, 1TB, 2TB

Connector Type
USB Type-C®

Interface
USB 3.2 Gen 2 / USB 3.2 Gen 1 / USB 2.0

Interface Protocol
UASP mode

Included Accessories
USB Type-C to A Cable (300mm)
USB Type-C to C Cable (300mm)

Dimension (LxWxH)
72.0 mm x 40.0 mm x 11.8 mm (Typ.)

Weight
42.0 g (typ.)

Performance

Max Sequential Read Speed[*1]
1,050 MB/s

Max Sequential Write Speed[*1]
1,000 MB/s

Environmental

Operating Temperature
0 °C (Ta) to 45 °C (Ta)

Storage Temperature
-40 °C to 85 °C

Certification
RoHS compliant[*5]

Shock Resistance
MIL-STD-810H 516.8 procedure IV compliant[*3]

Vibration
3.10 Grms, 2~500 Hz, (30 min / Axis) x 3 Axis

Compatibility

Target Applications
Client desktops, laptops, tablets, mobile phones and game consoles

Compatible OS and Device
Windows OS, macOS, iOS, iPadOS, Android™ OS, PS4, PS4 Pro, PS5, Xbox Series X/S[*2]

Additional Features

Services and Support
Up to 3-year manufacturer's warranty

SSD Management Software
Please visit our website for information on the required OS version at "personal.kioxia.com".

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[*1] EXCERIA PLUS G2 Portable SSD: Sequential speeds are measured with CrystalDiskMark 8.0.4 x64, Q=8, T=1. These values are the best values obtained in a specific test environment at KIOXIA Corporation and KIOXIA Corporation warrant neither read nor write speeds in individual devices. Read and write speed may vary depending on a device used and file size read or written. The host device must support USB 3.2 Gen 2 and the UASP mode must be enabled.

[*2] Compatibility confirmed by KIOXIA's own testing in accordance with the manufacturer's technical requirements. Compatible OS and/or device for this portable SSD is not the same as compatible OS and/or device for SSD Utility. Please visit our website for information on the required OS and devices version at "personal.kioxia.com".

[*3] MIL-STD-810H 516.8 procedure IV compliant. The EXCERIA PLUS G2 Portable SSD remained functional after enduring 26 drops from a height of 122 cm onto a steel plate with reinforced concrete on each of its edges, faces and corners.

[*4] Do not touch the drive while it is hot to prevent skin burns upon contact. Electronic components become hot during operation. Do not cover the drive during operating, as it may become overheated. Allow all components to cool down after disconnecting power before contact.

[*5] KIOXIA Corporation defines "RoHS Compatible" products as products that either (i) contain no more than a maximum concentration value of 0.1% by weight in Homogeneous Materials for lead, mercury, hexavalent chromium, polybrominated biphenyls (PBBs), polybrominated diphenyl ethers (PBDEs), bis(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP), benzyl butyl phthalate (BBP) and diisobutyl phthalate (DIBP) and of 0.01% by weight in Homogeneous Materials for cadmium; or (ii) fall within any of the application exemptions set forth in the Annex to the RoHS Directive(*). This does not mean that Kioxia Corporation products labeled "RoHS COMPATIBLE" are entirely free of substances controlled by the RoHS Directive and does not constitute a warranty or guarantee that such products will comply with the specific laws and/or regulations adopted in any particular jurisdiction.
*RoHS Directive: KIOXIA Corporation defines "RoHS Directive" as the DIRECTIVE 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Definition of capacity: KIOXIA defines a megabyte (MB) as 1,000,000 bytes, a gigabyte (GB) as 1,000,000,000 bytes and a terabyte (TB) as 1,000,000,000,000 bytes. A computer operating system, however, reports storage capacity using powers of 2 for the definition of 1GB = 2^30 = 1,073,741,824 bytes and therefore shows less storage capacity. Available storage capacity (including examples of various media files) will vary based on file size, formatting, settings, software and operating system, such as Microsoft Operating System and/or pre-installed software applications, or media content. Actual formatted capacity may vary.

Product specifications and design are subject to change without prior notice.

Product images may represent design model. Actual product may vary.

Read and write speed may vary depending on the host device, read and write conditions, and file size.

To protect against accidental data loss, back up your data frequently on other storage media. KIOXIA Corporation does not warrant any data stored on the product.

For safety instructions, please visit: personal.kioxia.com/support/

USB Type-C is a trademark of USB Implementers Forum.

Android is a trademark of Google LLC.

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The line up of personal product vary by country and region.

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