KIOXIA

We Are Ready For Next

KIOXIA

Mission

Uplifting the world with “memory”

By evolving “memory,” we create uplifting experiences and **change the world**.

Vision

With progressive memory technology at the core, we offer products, services, and systems that create choice and define the future.

KIOKU + AXIA

KIOXIA is a combination of the Japanese word *kioku*, meaning "**memory**," and the Greek word *axia*, meaning "**value**." Kioku goes beyond the notion of memory as just the storage of data to broadly encompass experiences, emotions and ideas.

The inventor of flash memory.

With our proven track record of success and reputation for innovation, we will build on our history as we start our journey as a newly independent company.

Solid State Drives

Unleash your possibilities.

KIOXIA offers SATA or NVMe™ SSDs for gaming desktops & notebook upgrades as well as a portable SSD well-suited for on-the-go users and content creators. Delivering reliable, quality storage, KIOXIA has an SSD available in all capacity & performance levels.

Memory Cards

Solutions that store our digital way of life.

From digital cameras to smartphones, KIOXIA memory card products use the latest flash memory technology to deliver quality and reliable storages for photos, videos and data.

USB Flash Drives

Compact makes impact.

USB flash drive file sharing is still important in today's cloud computing world. KIOXIA USB flash drives provide a simple method for file transfers for school or work projects.

We Are Ready For Next

KIOXIA understands the importance of storage in people's lives. We offer a complete portfolio of consumer flash and SSD products that help you create, capture and share a lifetime of memories.

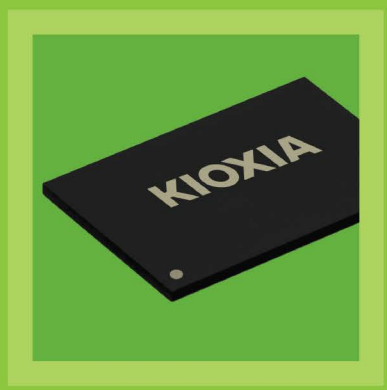
Made in Japan.[*1]

One of world's largest flash memory plants located in Yokkaichi [*2]

Where over 30% of the world's flash capacity is made.

100% in-house flash memory

KIOXIA flash memory is used in 100% of our consumer memory and storage products.



High quality & reliability

With stringent quality control, we are dedicated to providing high quality products.

[*1] KIOXIA wafer manufacturing process.
[*2] Source: KIOXIA Corporation, including the capacity of Joint Venture with Western Digital Corporation as of January 25, 2022.


KIOXIA

EXCERIA

Excellence & Experience
It's EXCERIA

It's more than storage

From computer gaming systems, digital cameras to smartphones, we have a solution to upgrade your digital experience. KIOXIA puts great emphasis on retaining the same excellent quality, performance and reliability standards with the EXCERIA series.

Portable SSD

Portable performance for everyday users on-the-go

Well-suited for on-the-go users and content creators, the EXCERIA PLUS Portable SSD series prioritizes portability with a shockproof housing*1 that fits up to 2TB of data in the palm of your hand.

Ready for the Next Project

EXCERIA PLUS

Portable SSD

Design Meets Performance

	Max Sequential Read Speed	Max Sequential Write Speed
2TB 1TB 500GB	1,050 MB/s	1,000 MB/s

EXCERIA PLUS Portable SSD: Sequential speeds are measured with CrystalDiskMark 8.0.1 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 Gen2 and the UASP mode must be enabled.

Universal Features

Compatible out-of-the-box with Windows OS, macOS, iPadOS, Android™ OS, PS4, PS4 Pro, PS5 and Xbox Series X/S*2, the EXCERIA PLUS Portable SSD features a slim USB Type-C® connector with a USB 3.2 Gen2 interface enabling you to quickly transfer 4K videos and high-res photos. Each EXCERIA PLUS 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.

*1 MIL-STD-810H 516.8 procedure IV compliant. The EXCERIA PLUS 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.

*2 These operability confirmed under KIOXIA's condition. 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".

Solid State Drives

Ready for the Next Game

Whether you are building a new high performa
SATA or NVMe™ solid state drive that meets
performance level you need.

EXCERIA PRO

NVMe™ SSD

For Next Generation Gamers

	Max Sequential Read/Write	Max Random Read/Write
2TB	7,300/6,400 MB/s	800K/1,300K IOPS
1TB	7,300/6,400 MB/s	1,000K/1,100K IOPS

EXCERIA

NVMe™ SSD

For pros & home office

	Max Sequential Read/Write	Max Random Read/Write
1TB	1,700/1,600 MB/s	350K/400K IOPS
500GB	1,700/1,600 MB/s	350K/400K IOPS
250GB	1,700/1,200 MB/s	200K/290K IOPS

EXCERIA PRO SSD/EXCERIA G2 SSD: Sequential speeds are measured with CrystalDiskMark8.0.1 x64, Q=32, T=1.
EXCERIA PLUS SSD/EXCERIA SSD: Sequential speeds are measured with CrystalDiskMark 6.0.2 x64, Q=32, T=1
EXCERIA SATA SSD: Sequential speeds are measured with ATTO v3.05, QD10.
EXCERIA PRO SSD/EXCERIA G2 SSD: 4KiB random performance is measured with CrystalDiskMark8.0.1 x64, Q=32,T=16.
EXCERIA PLUS SSD/EXCERIA SSD: 4KiB random performance is measured with CrystalDiskMark 6.0.2 x64, Q=32,T=8
EXCERIA SATA SSD: 4KiB random performance is measured with CrystalDiskMark 5.1.2 x64 QD32.
Read and write speed may vary depending on the host device, read and write conditions, and file size.
Images for illustration purpose only. The product appearance may differ from the actual product. Actual number of flash components differs by drive capacity.

ance gaming desktop or seeking a quick and easy upgrade for your notebook PC, KIOXIA offers a your demands. Delivering reliable, quality storage, there is an SSD available in the capacity and

EXCERIA PLUS G2

NVMe™ SSD

For gamers & enthusiasts

	Max Sequential Read/Write	Max Random Read/Write
2TB	3,400/3,200 MB/s	680K/620K IOPS
1TB	3,400/3,200 MB/s	680K/620K IOPS
500GB	3,400/3,200 MB/s	650K/600K IOPS

EXCERIA G2

NVMe™ SSD

Mainstream-class SSD storage

	Max Sequential Read/Write	Max Random Read/Write
2TB	2,100/1,700 MB/s	360K/400K IOPS
1TB	2,100/1,700 MB/s	400K/400K IOPS
500GB	2,100/1,700 MB/s	400K/400K IOPS

EXCERIA

SATA SSD

For legacy HDD upgraders

	Max Sequential Read/Write	Max Random Read/Write
960GB	555/540 MB/s	81K/88K IOPS
480GB	555/540 MB/s	82K/88K IOPS
240GB	555/540 MB/s	79K/87K IOPS

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.

SSD Utility Management Software

The SSD Utility management software was designed to help your KIOXIA drive thrive and lets you be in control of maintenance, monitoring, SSD tuning and more!

microSD Memory Cards

Ready for the Next Adventure

You got endurance

The EXCERIA HIGH ENDURANCE microSD memory cards' specifications were designed for continuous recording for dashboard or surveillance cameras.

Ready, Set, Action!

The high performance and small size makes the EXCERIA PLUS microSD memory cards the good choice for sports and action cameras, as well as drones.

Storage that Delivers More

With added support for UHS Speed Class 3 (U3) and Video Speed Class 30 (V30), the EXCERIA G2 microSD series makes shooting video in 4K a reality.

Designed for mobile devices and smartphones to drones, tablets, dashboard and surveillance cameras, KIOXIA microSD cards use our latest flash memory technology to deliver quality and reliable storage for your photos, videos and data.

EXCERIA
HIGH ENDURANCE

microSDHC/SDXC UHS-I

32GB 64GB
128GB 256GB
512GB

Max Read Speed	100 MB/s	
Max Write Speed *1	85 MB/s	
UHS Speed Class *2	U3	U3
SD Speed Class	Class 10	C10
Video Speed Class *3	V30	V30

*1 32GB: 30 MB/s, 64GB-128GB: 65 MB/s
*2 32GB: U1 *3 32GB: V10

EXCERIA PLUS

microSDHC/SDXC UHS-I

32GB 64GB
128GB 256GB
512GB 1TB

Max Read Speed *4	100 MB/s	
Max Write Speed *5	85 MB/s	
UHS Speed Class	U3	U3
SD Speed Class	Class 10	C10
Video Speed Class	V30	V30

*4 32GB: 98 MB/s
*5 32GB - 128GB: 65 MB/s

EXCERIA G2

microSDHC/SDXC UHS-I

32GB 64GB
128GB 256GB
512GB

Max Read Speed	100 MB/s	
Max Write Speed	50 MB/s	
UHS Speed Class	U3	U3
SD Speed Class	Class 10	C10
Video Speed Class	V30	V30

EXCERIA

microSDHC/SDXC UHS-I

16GB 32GB
64GB 128GB
256GB

Max Read Speed	100 MB/s	
UHS Speed Class	U1	U1
SD Speed Class	Class 10	C10

SD Memory Cards

Ready for the Next Shot

EXCERIA PRO

SDXC UHS-II

64GB 128GB 256GB

Max Read Speed	270 MB/s	
Max Write Speed	260 MB/s	
UHS Speed Class	U3	U3
SD Speed Class	Class 10	C10
Video Speed Class	V90	V90

EXCERIA PLUS

SDXC UHS-I

64GB 128GB 256GB 512GB 1TB

Max Read Speed *1	100 MB/s	
Max Write Speed *2	85 MB/s	
UHS Speed Class	U3	U3
SD Speed Class	Class 10	C10
Video Speed Class	V30	V30

*1 64GB: 98 MB/s
*2 64GB-128GB: 65 MB/s

EXCERIA

SDHC/SDXC UHS-I

16GB 32GB 64GB 128GB 256GB

Max Read Speed	100 MB/s	
UHS Speed Class	U1	U1
SD Speed Class	Class 10	C10

USB Flash Drives

Ready for the Next Project

TransMemory U366

USB 3.2 Gen 1

16GB | 32GB | 64GB | 128GB

Max Read Speed *1	200 MB/s (128GB) 100 MB/s (16GB, 32GB, 64GB)
Connector	Type-A
USB-IF	USB 3.2 Gen 1

*1 The read speed may not be displayed on the product package

TransMemory U365

USB 3.2 Gen 1

32GB | 64GB | 128GB | 256GB

Max Read Speed	150 MB/s
Connector	Type-A
USB-IF	USB 3.2 Gen 1

TransMemory U301

USB 3.2 Gen 1

16GB | 32GB | 64GB | 128GB | 256GB

Connector	Type-A
USB-IF	USB 3.2 Gen 1

TransMemory U203

USB 2.0

16GB | 32GB | 64GB | 128GB

Connector	Type-A
USB-IF	USB 2.0

TransMemory U202

USB 2.0

16GB | 32GB | 64GB | 128GB*

* Available in white only

Connector	Type-A
USB-IF	USB 2.0

KIOXIA

Definition of transfer speed for SD/microSD cards, USB Flash Drives :1 MB/s is calculated as 1,000,000 bytes/s. Transfer speed refers to sequential transfer speed. 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 write speed is lower than the read speed.

Speed classes indicate the results under the test conditions specified by SD Association.

Application Performance Class is based on the result measured under the conditions specified by SD Association.

The terms 'USB 3.2 Gen1 Super Speed' and 'USB 2.0 High Speed' used herein are the names of specifications upon which this product is based; they do not warrant the speed of its operation.

Definition of capacity for SD/microSD cards, USB Flash Drives : Capacity is based on installed flash memory and not user available memory as part of the memory is used for management functions. About usable capacity(available user area), please check each product package, manual, and our Web site (1GB is calculated as 1,073,741,824 bytes).

Definition of transfer speed of SSDs: Read and write speed may vary depending on the host device, read and write conditions, and file size. 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.

Definition of capacity for SSDs: 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.

A kibibyte (KiB) means 2^{10}, or 1,024 bytes, a mebibyte (MiB) means 2^{20}, or 1,048,576 bytes, and a gibibyte (GiB) means 2^{30}, or 1,073,741,824 bytes.

IOPS: Input Output Per Second (or the number of I/O operations per second)

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.

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

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

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

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