KIOXIA

Make it with KIOXIA

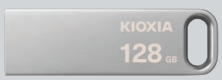




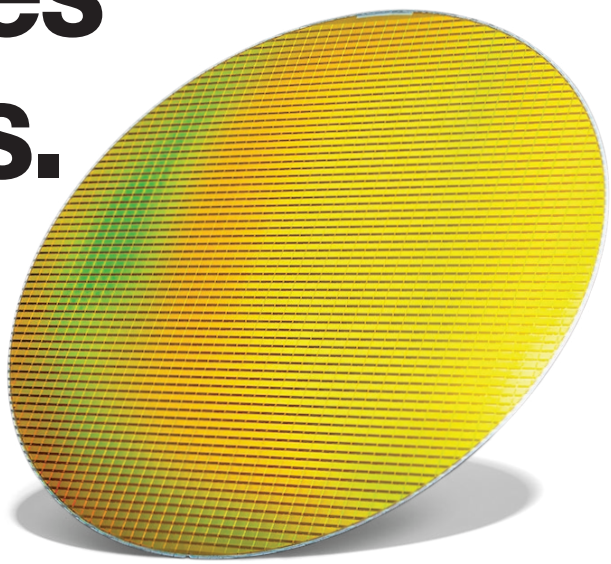








Der Erfinder des Flashspeichers.



Gestützt durch unsere Erfolgsgeschichte sowie unsere Reputation als Innovator beginnt unsere Reise als unabhängiges Unternehmen.

Mission

Die Welt mit Speicher-lösungen bereichern

Indem wir Speicher weiterentwickeln, schaffen wir bereichernde Erfahrungen und **verändern die Welt**.

Vision

Fortschrittliche Speichertechnologie steht bei den von uns angebotenen Produkten, Dienstleistungen und Systemen im Mittelpunkt. Damit sorgen wir für mehr Auswahl und prägen die Zukunft.

KIOKU + AXIA

KIOXIA ist eine Kombination aus dem japanischen Wort kioku für „**Gedächtnis**“ und dem griechischen Wort *axia* für „**Wert**“. Kioku ist mehr als nur ein klassischer Datenspeicher. Die Gedächtnisfunktion umfasst auch Erfahrungen, Emotionen und Ideen.

KIOXIA

KIOXIA's 5 Commitments to the B2C/Retail Market

1. Innovation

KIOXIA is committed to carrying on our legacy as the inventor of flash memory and delivering innovative memory solutions to the market

2. Investment

KIOXIA is committed to investing in memory development and production of advanced, class-leading memory solutions

3. Dedication

KIOXIA is dedicated to strengthening our offerings to meet demands of competitive consumer space

4. Modernization

KIOXIA is committed to delivering solutions for the modern user by renewing the look and feel of all packaging and products

5. Simplification

KIOXIA is committed to providing a contemporary brand experience by simplifying the evaluation and purchasing process of our retail products

Make it with KIOXIA

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.

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 several 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.



KIOXIA Corporation

Made in Japan.[*1]



KIOXIA Group's manufacturing sites have world-leading production scale.

The operations of Yokkaichi Plant and Kitakami Plant are coordinated to meet the expanding demand for flash memory.

100% in-house flash memory

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



INVENTOR OF FLASH MEMORY

The inventor of flash memory

In 1987, KIOXIA invented the world's first NAND flash memory not to require a power source (non-volatile memory).

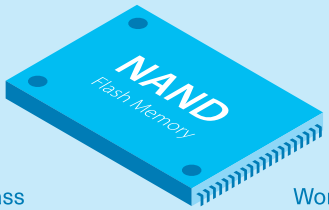
[*1] KIOXIA wafer manufacturing process.

KIOXIA's Milestones

INVENTOR OF FLASH MEMORY

1984 World's first flash memory

1987 Invention of the world's first NAND flash memory



1991 World's first mass production of NAND flash memory

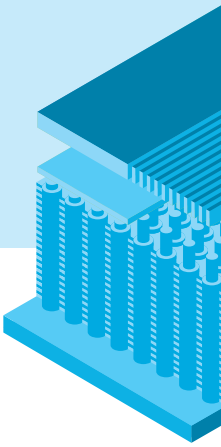
1999 Key milestones for investment and development of KIOXIA Flash Technology

2007 World's first 3D flash memory technology announced

2011 World's first 24nm SLC NAND flash memory

2014 World's first 15nm 128 Gbit NAND flash memory





From the invention of flash memory in 1984 to today's breakthrough BiCS FLASH™ 3D technology, KIOXIA continues to move the industry forward. Whatever the digital future demands, we will keep developing the right solutions for our customers.

BiCS FLASH™

Demanding Change

The economy's digital transformation is resulting in a massive increase of data processing, storage and traffic.

*Source: IDC White Paper *The Digitization of the World From Edge to Core*, sponsored by Seagate, November 2018 (Data refreshed May 2020)

48 Layer

World's first 48-layer 3D BiCS FLASH™

64 Layer

96 Layer

Mass production of 96-layer BiCS FLASH™

112 Layer

162 Layer

218 Layer

332 Layer

By 2020, 60 % of all enterprises will have organisation-wide digital transformation platform strategies

NEW NAME:
KIOXIA Europe GmbH

2015

2017

Mass production of 64-layer BiCS FLASH™

2018

2019

By the end of 2019, digital transformation spending is expected to reach $1.7T, up 42 % from 2017*

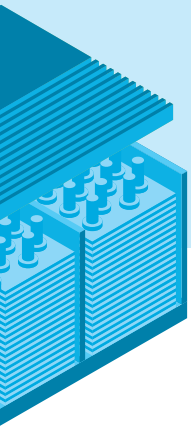
2020

2021

By 2021, at least 50 % of global GDP will be digitised with growth driven by digitally enhanced offerings, operations and relationships*

2024

2025



175 ZB

1 zettabyte (ZB)
= 10^{21} bytes
= 1 billion terabytes (TB)

40 ZB

2026

2027

2028

2029

2030

2031

2032

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

reddot winner 2025



Portable performance for everyday users on-the-go

Well-suited for on-the-go users and content creators, the EXCERIA PLUS G2 Portable SSD series prioritizes portability with a shockproof housing[*1] that fits up to 2TB of data in the palm of your hand.

Make it with KIOXIA





EXCERIA PLUS G2

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 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 Gen2 and the UASP mode must be enabled.

Universal Features*2

Windows OS: Windows 11 Home x64, Windows 11 Pro x64, Windows 10 Home x64, Windows 10 Pro x64
macOS: macOS Big Sur 11, macOS Monterey 12, macOS Ventura 13, macOS Sonoma 14
iOS: iOS 17 for iPhone with USB Type-C® port
iPadOS: iPad OS 17 for iPad with USB Type-C® port
Android™ OS: Android 11, Android 12, Android 13, Android 14
PS4, PS4 Slim, PS4 Pro: Firmware Version 11.50
PS5: 24.04-09.40.00.08-00.00.00.0.1
Xbox Series X/S: Firmware Version 10.0.25398.4909
(As of October 16, 2024)
(Compatibility may vary and may be contingent on host device capabilities.)

*1 MMIL-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.

*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

Make it with KIOXIA



Whether you are building a new high performance gaming desktop or seeking a quick and easy upgrade for your notebook PC, KIOXIA offers a SATA or NVMe™ solid state drive that meets your demands. Delivering reliable, quality storage, there is an SSD available in the capacity and performance level you need.

PCIe® 5.0

CHIP very good
test: NVME-SSD
May 2026
Kioxia Exceria Pro G2 4TB (LVE10Z4T09G8)
Unabhängige Tests seit 1978
chip.de/CD169402

EXCERIA PRO G2

NVMe™ SSD





	Max Sequential Read/Write	Max Random Read/Write
4TB	14,900/13,700 MB/s	2,300K/1,900K IOPS
2TB	14,900/13,400 MB/s	2,250K/1,950K IOPS
1TB	14,400/12,700 MB/s	2,000K/1,900K IOPS

EXCERIA PLUS G4

NVMe™ SSD





	Max Sequential Read/Write	Max Random Read/Write
2TB	10,000/7,900 MB/s	1,300K/1,400K IOPS
1TB	10,000/8,200 MB/s	1,300K/1,400K IOPS

EXCERIA G3

NVMe™ SSD





	Max Sequential Read/Write	Max Random Read/Write
4TB	10,000/9,600 MB/s	1,450/1,450K IOPS
2TB	10,000/9,600 MB/s	1,600/1,450K IOPS
1TB	10,000/8,900 MB/s	1,300/1,450K IOPS

PCIe® 4.0

EXCERIA PLUS G3

NVMe™ SSD



	Max Sequential Read/Write	Max Random Read/Write
2TB	5,000/3,900 MB/s	680K/950K IOPS
1TB	5,000/3,900 MB/s	770K/950K IOPS

EXCERIA BASIC

NVMe™ SSD



	Max Sequential Read/Write	Max Random Read/Write
2TB	7,300/6,800 MB/s	1,000K/1,250K IOPS
1TB	7,300/6,600 MB/s	1,000K/1,150K IOPS

SATA

EXCERIA

SATA SSD





	Max Sequential Read/Write	Max Random Read/Write
960GB	555/540 MB/s	81K/88K IOPS
480GB	555/540 MB/s	82K/88K 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, and more!

EXCERIA PRO G2 SSD / EXCERIA PLUS G4 SSD / EXCERIA PLUS G3 SSD / EXCERIA G3 SSD / EXCERIA BASIC SSD: Sequential speeds are measured with CrystalDiskMark 8.0.4 x64, Q=32, T=1.

EXCERIA SATA SSD: Sequential speeds are measured with ATTO v3.05, QD10.

EXCERIA PRO G2 SSD / EXCERIA PLUS G4 SSD / EXCERIA PLUS G3 SSD / EXCERIA G3 SSD / EXCERIA BASIC SSD: 4KiB random performance is measured with CrystalDiskMark 8.0.4 x64, Q=32, T=16.

EXCERIA SATA: 4KiB random performance is measured with CrystalDiskMark 5.1.2 x64 QD32.

microSD Memory Cards

Make it with KIOXIA





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 G2

microSDHC/SDXC UHS-I



64GB 128GB
256GB 512GB



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

EXCERIA PLUS G3

microSDHC/SDXC UHS-I



64GB 128GB
256GB 512GB
1TB



Max Read Speed *	100 MB/s (210 MB/s)
Max Write Speed **	90 MB/s (150 MB/s)
UHS Speed Class	U3
SD Speed Class	Class 10
Video Speed Class	V30

* 100 MB/s SDR 104 Mode (256GB, 512GB, 1TB)
210 MB/s Specific card reader (256GB, 512GB, 1TB)
** 90 MB/s SDR 104 Mode (64GB, 128GB)
150 MB/s Specific card reader (64GB, 128GB)

EXCERIA G3

microSDHC/SDXC UHS-I



128GB 256GB
512GB 1TB



Max Read Speed	210[1] MB/s / 100[2] MB/s
Max Write Speed	150[3] MB/s / 90[4] MB/s
UHS Speed Class	U3
SD Speed Class	Class 10
Video Speed Class	V30

[1] specific card reader / [2] SDR104 Mode
[3] specific card reader / [4] SDR104 Mode

EXCERIA

microSDHC/SDXC UHS-I



32GB 64GB



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

SD Memory Cards

Make it with KIOXIA



EXCERIA PRO G2

SDXC UHS-II



128GB 256GB 512GB



Max Read Speed	310 MB/s
Max Write Speed *1	300 MB/s
UHS Speed Class	U3
SD Speed Class	Class 10
Video Speed Class	V90

*1 256GB-1TB: 90MB/s
64GB-128GB: 65MB/s

EXCERIA PLUS G2

SDXC UHS-I



64GB 128GB 256GB 512GB 1TB



Max Read Speed	100 MB/s
Max Write Speed *1	90 MB/s
UHS Speed Class	U3
SD Speed Class	Class 10
Video Speed Class	V30

*1 256GB-1TB: 90MB/s
64GB-128GB: 65MB/s

EXCERIA G2

SDHC/SDXC UHS-I



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



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

USB Flash Drives



TransMemory U366

USB 3.2 Gen 1



64GB 128GB



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

TransMemory U301

USB 3.2 Gen 1



32GB 64GB
128GB 256GB



Connector	Type-A
USB-IF	USB 3.2 Gen 1

TransMemory U202

USB 2.0



32GB 64GB
128GB



Connector	Type-A
USB-IF	USB 2.0

Required OS : Windows, macOS
Please visit our website for information on the required OS version

Technical Data

Model	Capacity in GB	Part Number	EAN Number	Connector Type	Interface/ Speed class	Max. Write Speed	Max. Read Speed	3-Years Warranty	Extra Features
EXCERIA SSDs									
EXCERIA PLUS G2 Portable									
	500	LXD20K500GG8	4582563859616	USB Type-C®	USB3.2. Gen2/ USB3.2 Gen1/ USB2.0	1,000 MB/s	1,050 MB/s	yes	Compatible with Windows OS, MacOS, iPadOS, AndroidOS, PS4, PS4 Pro, PS5, Xbox Series X/S, iOS, PS4 Slim
	1000	LXD20K001TG8	4582563859623						
	2000	LXD20K002TG8	4582563859630						
Model	**Capacity in GB**	**Part Number**	**EAN Number**	**Form Factor**	**Interface/ Speed class**	**Max. Seq. Write Speed**	**Max. Seq. Read Speed**	**5-Years Warranty***	**Extra Features**
EXCERIA PRO G2									
	1024	LVE10Z1T02G8	4582761160286	M.2 Type 2280-S3-M	PCIe Gen5 x4/ NVMe™ 2.0d	12,700 MB/s	14,400 MB/s	yes	SSD Utility Management Software
	2048	LVE10Z2T04G8	4582761160293			13,400 MB/s	14,900 MB/s		
	4096	LVE10Z4T09G8	4582761160309			13,700 MB/s	14,900 MB/s		
EXCERIA PLUS G4									
	1000	LVD10Z001TG8	4582563859975	M.2 Type 2280-S3-M	PCIe Gen5 x4/ NVMe™ 1.4	7,900 MB/s	10,000 MB/s	yes	SSD Utility Management Software
	2000	LVD10Z002TG8	4582563859982			8,200 MB/s	10,000 MB/s		
EXCERIA PLUS G3									
	1000	LSD10Z001TG8	4582563857872	M.2 Type 2280-S4-M	PCIe Gen4 x4/ NVMe™ 1.4	3,900 MB/s	5,000 MB/s	yes	SSD Utility Management Software
	2000	LSD10Z002TG8	4582563857889						
EXCERIA G3									
	1000	LVD10Z001TG8	4582761161504	M.2 Type 2280-S3-M	PCIe Gen5 x4/ NVMe™ 2.0c	8,900 MB/s	10,000 MB/s	yes	SSD Utility Management Software
	2000	LVC10Z002TG8	4582761161511			9,600 MB/s			
	4000	LVC10Z004TG8	4582761161528						
EXCERIA BASIC									
	1000	LSF10Z001TG8	4582761161108	M.2 Type 2280-S3-M	PCIe Gen4 x4/ NVMe™ 2.0d	6,600 MB/s	7,200 MB/s	yes	SSD Utility Management Software
	2000	LSF10Z002TG8	4582761161115			6,800 MB/s	7,300 MB/s		
EXCERIA SATA									
	480	LTC10Z480GG8	4582563851856	2,5 Zoll, 7 mm hoch	Serial ATA (SATA) 6 Gbit/s	540 MB/s	555 MB/s	3 years*	SSD Utility Management Software
	960	LTC10Z960GG8	4582563851863						

* MANUFACTURER'S WARRANTY IS EFFECTIVE EITHER (I) WARRANTY PERIOD FROM THE DATE OF PURCHASE IN ITS ORIGINAL SEALED PACKAGING OR (II) FOR THE TIME PERIOD UNTIL THE "PERCENTAGE LIFE LEFT" WILL BE ZERO, WHICHEVER IS SHORTER. The "Percentage Life Left" can be found using "Health" gauge of the SSD Utility for KIOXIA products, which is available at "personal.kioxia.com/support/".

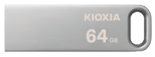
Technical Data

Model	Capacity in GB	Part Number	EAN Number	Interface/ Speed Class	Max. Write Speed	Max. Read Speed	Video Recording	5-Years Warranty	Extra Features
EXCERIA microSD Memory Cards									
EXCERIA HIGH ENDURANCE G2									
	64	LMHE2G064GG2	4582563859791	UHS-I/Class 10/U1/V10	50 MB/s	100 MB/s	4K/Full HD	3 years	High Endurance, Waterproof, Shock Proof, X-Ray-Proof, Application Performance Class A1, ESD Immunity, Overheating/ Ignition Prevention
	128	LMHE2G128GG2	4582563859807						
	256	LMHE2G256GG2	4582563859814						
	512	LMHE2G512GG2	4582563859821					5 years	
EXCERIA PLUS G3									
	64	LMPL3M064GG2	4582761160491	UHS-I/Class 10/U3/V30	Specific Card Reader: 90 MB/s SDR104 Mode: 65 MB/s	Specific Card Reader: 210 MB/s SDR104 Mode: 100 MB/s	4K/Full HD	5 years	Waterproof, Shock Proof, X-Ray-Proof, Application Performance Class A2, ESD Immunity, Overheating/ Ignition Prevention, Temperature Durability
	128	LMPL3M128GG2	4582761160507						
	256	LMPL3M256GG2	4582761160514		Specific Card Reader: 150 MB/s SDR104 Mode: 90 MB/s				
	512	LMPL3M512GG2	4582761160521						
	1TB	LMPL3M001TG2	4582761160538						
EXCERIA G3									
	64	With Adapter: LMEX3L064GG2 Without Adapter: LMEX3L064GG4	With Adapter: 4582761160712 Without Adapter: 4582761160767	UHS-I/ Class 10/ U3/V30	Specific Card Reader: 50 MB/s SDR104 Mode: 50 MB/s	Specific Card Reader: 160 MB/s SDR104 Mode: 100 MB/s	4K/Full HD	5 years	Waterproof, Shock Proof, X-Ray-Proof, Application Performance Class A2, ESD Immunity, Overheating/ Ignition Prevention, Temperature Durability
	128	With Adapter: LMEX3L128GG2 Without Adapter: LMEX3L128GG4	With Adapter: 4582761160729 Without Adapter: 4582761160774						
	256	With Adapter: LMEX3L256GG2 Without Adapter: LMEX3L256GG4	With Adapter: 4582761160736 Without Adapter: 4582761160781						
	512	With Adapter: LMEX3L512GG2 Without Adapter: LMEX3L512GG4	With Adapter: 4582761160743 Without Adapter: 4582761160798						
	1TB	With Adapter: LMEX3L001TG2 Without Adapter: LMEX3L001TG4	With Adapter: 4582761160750 Without Adapter: 4582761160804						
EXCERIA									
	32	LMEX1L032GG2	4582563850804	UHS-I/ Class10/U1	-	100 MB/s	Full HD	yes	Waterproof, Shock Proof, X-Ray Proof
	64	LMEX1L064GG2	4582563850811						

Technical Data

Model	Capacity in GB	Part Number	EAN Number	Interface/ Speed Class	Max. Write Speed	Max. Read Speed	Video Recording	5-Years Warranty	Extra Features
EXCERIA SD Memory Cards									
EXCERIA PRO G2									
	64	LNPR2K064GG4	4582761160972	UHS-I/ Class 10/ U3/V90	295 MB/s	310 MB/s	8K	5 years	X-Ray-Proof, Application ESD Immunity, Temperatur Durability, Overheating/ Ignition Prevention
	128	LNPR2K128GG4	4582761160989						
	256	LNPR2K256GG4	4582761160996						
	512	LNPR2K512GG4	4582761161009		300 MB/s				
EXCERIA PLUS G2									
	64	LNPL2M064GG4	4582761160170	UHS-I/ Class 10/ U3/V30	65 MB/s	100 MB/s	4K	yes	X-ray Proof, Temperature Durability, ESD Immunity, Overheating/ Ignition Prevention
	128	LNPL2M128GG4	4582761160187						
	256	LNPL2M256GG4	4582761160194		90 MB/s				
	512	LNPL2M512GG4	4582761160200						
	1000	LNPL2M001TG4	4582761160217						
EXCERIA G2									
	32	LNEX2L032GG4	4582563856967	UHS-I/ Class 10/ U3/V30	50 MB/s	100 MB/s	4K	yes	X-ray Proof, Temperature Durability, ESD Immunity, Overheating/ Ignition Prevention
	64	LNEX2L064GG4	4582563857025						
	128	LNEX2L128GG4	4582563857087						
	256	LNEX2L256GG4	4582563857148						
	512	LNEX2L512GG4	4582563857209						
	1000	LNEX2L001TG4	4582563857261						

Technical Data

Model	Capacity in GB	Part Number	EAN Number	Interface	Max. Write Speed	Max. Read Speed	5-Years Warranty	Extra Features
TransMemory USB Flash Drives								
U366								
	64	LU366S064GG4	4582563853867	Super Speed USB 3.2 Gen 1	-	100 MB/s (64GB) 200 MB/s (128GB)	yes	Windows and Mac
	128	LU366S128GG4	4582563853881					
U301								
	64	LU301K064GG4	4582563855472	Super Speed USB 3.2 Gen 1	-	-	yes	Windows and Mac
	128	LU301K128GG4	4582563855502					
	256	LU301K256GG4	4582563855533					
	32	LU301W032GG4	4582563850026					
	64	LU301W064GG4	4582563850033					
	128	LU301W128GG4	4582563850040					
	256	LU301W256GG4	4582563854802					
	64	LU301L064GG4	4582563855311					
	128	LU301L128GG4	4582563855342					
	256	LU301L256GG4	4582563855373					
U202								
	32	LU202W032GG4	4582563850200	Hi-Speed USB 2.0	-	-	yes	Windows and Mac
	64	LU202W064GG4	4582563850217					
	128	LU202W128GG4	4582563850224					
	32	LU202L032GG4	4582563850248	Hi-Speed USB 2.0	-	-	yes	Windows and Mac
	64	LU202L064GG4	4582563852037					

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Visit our virtual booth for consumers:

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 Gen 1 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} bytes= 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} bytes, or 1,024 bytes, a mebibyte (MiB) means 2^{20} bytes, or 1,048,576 bytes, and a gibibyte (GiB) means 2^{30} bytes, 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 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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