

# EXCERIA

SD Memory Card

*Solid Simplicity*



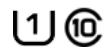
Capacity

16GB 32GB 64GB 128GB 256GB

Max Read Speed<sup>(1)</sup>

100 MB/s

Speed Class <sup>(3)</sup>



Usage

Full HD video recording / photograph

## Features



Full HD Recording



X-ray Proof



Temperature Durability



ESD Immunity



Overheating/Ignition Prevention

KIOXIA EXCERIA SD memory cards have a read speed up to 100 MB/s<sup>(1)</sup>, taking pictures and recording video on your digital camera is a breeze so you can focus on getting your best shot.

## Shoot and Record Full HD Video

Inspiring you to capture those picturesque photos, EXCERIA SD memory cards are compatible with UHS Speed Class 1 (U1), suitable for digital cameras.

## Store Thousands of Photos

With capacities up to a 256GB, these cards can store 38,510 (18MPixel) photos, so you can focus on capturing best shots and footage.

### Estimated Number of Photos Taken and Video Recording Time

Capacity	Photo (shots)*			Video (minutes)**	
	5MPixel	10MPixel	18MPixel	HD (12Mbps)	Full HD (21Mbps)
256GB	162,710	76,100	38,510	2,620	1,490
128GB	81,350	38,050	19,250	1,310	740
64GB	40,670	19,020	9,620	650	370
32GB	20,330	9,510	4,810	320	180
16GB	10,160	4,750	2,400	160	90

\*Approximate shots. Assumed compression rate = 1/4. Number of shots varies depends on photo subjects, shooting condition, resolution and compression.

\*\*Approximate playtime. Actual time depends on the movie device, resolution and compression. 1Mbps=1,000,000 bps

## EXCERIA SD Memory Card Product Specifications

### Physical

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#### Capacity

16GB, 32GB (SDHC), 64GB, 128GB, 256GB (SDXC)

#### Approximate Usable Capacity<sup>(2)</sup>

14.4GB, 28.8GB, 57.6GB, 115.2GB, 230.4GB

#### Interface

UHS-I

#### Dimension (LxWxH)

32.0 x 24.0 x 2.1 mm

#### Weight

Approx. 2 g

### Performance

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#### Max Read Speed<sup>(1)</sup>

100 MB/s

#### UHS Speed Class<sup>(3)</sup>

U1

#### SD Speed Class<sup>(3)</sup>

C10

### Environmental

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**Operating Temperature**

-25 ° C to 85 ° C (no condensation)

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**Storage Temperature**

-40 ° C to 85 ° C

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**Certification**

RoHS compliant<sup>(4)</sup>

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**X-ray Proof**

ISO7816-1 compliant<sup>(5,8)</sup>

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**Overheating/Ignition Prevention**

Electrical fuse is mounted<sup>(6,8)</sup>

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**ESD Immunity**

Resistant to electrostatic discharge<sup>(7,8)</sup>

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## Compatibility

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**Target Applications**

For mainstream photographers and videographers.

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**32GB and Under**

Compatible with SDHC and SDXC supporting host devices corresponding to FAT32 file system.

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**64GB and Over**

Compatible with SDXC supporting host devices corresponding to exFAT file system.

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## Additional Features

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**Services and Support**

5-year limited warranty

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**Copyright Protection (CPRM)**

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## Ordering Information

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**16GB**

PN: LNEX1L016GG4  
EAN: 4582563851443

**32GB**

PN: LNEX1L032GG4  
EAN: 4582563851450

**64GB**

PN: LNEX1L064GG4  
EAN: 4582563851467

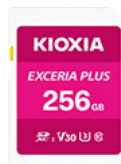
**128GB**

PN: LNEX1L128GG4  
EAN: 4582563851474

**256GB**

PN: LNEX1L256GG4  
EAN: 4582563851481

## KIOXIA SD Memory Card Comparison



Model Name	EXCERIA PLUS	EXCERIA
Video Recording	4K	Full HD
Max Read/Write Speed (MB/s) <sup>(1)</sup>	256GB: 100/85 128GB: 100/65 64GB: 98/65	100/--
Capacity <sup>(2)</sup>	64, 128, 256GB	16, 32, 64, 128, 256GB
SD Interface	UHS-I	UHS-I
SD Speed Class <sup>(3)</sup>	C10	C10
UHS Speed Class <sup>(3)</sup>	U3	U1
Video Speed Class <sup>(3)</sup>	V30	--
X-ray Proof <sup>(5,8)</sup>	Yes	Yes
Overheating/Ignition Prevention <sup>(6,8)</sup>	Yes	Yes
ESD Immunity <sup>(7,8)</sup>	Yes	Yes
CPRM	Supported	--

Warranty Period	5 year	5 year
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## Where to Buy

Find retailers and/or distributors near your area.

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(1) 1 MB/s is calculated as 1,000,000 bytes/s. 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.

(2) Capacity is based on installed flash memory and not user available memory as part of the memory is used for management functions. Available user area are as listed above (1GB = 1,073,741,824 bytes).

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

(4) 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.

(5) According to ISO7816-1 standard, the product can function, after contaminating this product on 0.1 Gy of X-ray.

(6) KIOXIA Corporation does not warrant that the function of the fuse in the card will be error free, nor does it warrant that any data stored on the card will remain accessible or uncorrupted. Turn off the device immediately in case the card overheats and/or emits a burning smell.

(7) ESD test environment stipulated by IEC61000-4-2 150-pF energy storage capacitor, 330-Ω discharge resistor, ±15-kV air discharge.

(8) KIOXIA Corporation does not warrant any data stored on the product.

Subject to Change: While KIOXIA has made every effort at the time of publication to ensure the accuracy of the information provided herein, product specifications, configurations, prices, system/component/options availability are all subject to change without notice.

· Product image may represent design model.

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