



## EXCERIA micro SD *Memory you can rely on*

**Capacity**  
32GB 64GB 128GB 256GB

**Max read speed**  
100 MB/s

**Application Speed Class**  
U1 @

**Applicaton**  
Full HD recording

## Functions



Full HD video recording



Android™ Compatibility



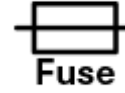
Water resistance



Shock resistance



X-ray resistance



Overheating / ignition protection



ESD resistance



Resistance to temperature extremes

The three-dimensional BiCS FLASH™ 3D flash memory technology used in microSD memory cards from the KIOXIA EXCERIA series allows for a capacity of up to 256 GB. Your photos, music and videos will always be with you. The read speed of up to 100 MB / s makes taking photos and recording videos super easy. You can focus on capturing the best moment.



### The flexibility of use ensures exciting memories.

Take your experience to the next level with the EXCERIA microSD card. High reading speed and a wide range of capacities give you flexibility of applications.

### Capture every moment, anywhere

Enjoy up to 1,490 minutes of Full HD (21 Mb / s) video and up to 38,510 photos (18 megapixels) wherever you are.



## Estimated number of photos and recordings

Capacity	Photos (Scenes)			Video (Minutes)	
	5 Mpx	10 Mpx	18 Mpx	HD (12 Mbps)	Full HD (21 Mbps)
256GB	162,71	76,1	38,51	2,62	1,49
128 GB	81,35	38,05	19,25	1,31	740
64 GB	40,67	19,02	9,62	650	370
32 GB	20,33	9,51	4,81	320	180
16 GB	10,16	4,75	2,4	160	90

# Specification

## Physical characteristics of the product

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**Capacity**

32 GB (microSDHC), 64 GB, 128 GB, 256 GB (microSDXC)

**Dimensions (DxSxW)**

15,0 x 11,0 x 1,0 mm

**Estimated user capacity**

28,8 GB, 57,6 GB, 115,2 GB, 230,4 GB

**Weight**

Ok. 0,3 g

**Interface**

UHS-I

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## Efficiency

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**Read speed**

100 MB/s

**UHS speed**

U1

**SD speed class**

C10

**Video speed class**

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## Compatibility

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**Optimal use:**

mobile phones, tablets and eBooks

**64 GB and above**

Compatible with microSDXC supporting host devices, exFAT file system compatible

**32 GB and less**

Compatible with microSDHC and microSDXC supporting FAT32 file system host devices.

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## Additionally

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**Service and Support**

3-year limited warranty

**Copyright Protection (CPRM)**

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**Included**

Global: SD Adapter LADP1

China: None

Japan: SD 変換アダプタ LADP1

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## Environmental characteristics

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**Operating temperature**

-25 ° C to 85 ° C (non-condensing)

**Storage temperature**

-40°C to 85°C

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**Certificate**

In line with RoHS

**X-ray resistance**

Complies with ISO7816-1

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**Waterproof**

IPX7 compatible

**Shockproof**

Drop resistance from 5 meters

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**Overheat / Ignition Protection**

Electrical fuse is installed

**ESD Resistance**

Resistance to electrostatic discharge

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## Ordering Information

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**16GB**

PN: LMEX1L016GG2

EAN: 4582563850798

**32 GB**

PN: LMEX1L032GG2

EAN: 4582563850804

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**64 GB**

PN: LMEX1L064GG2

EAN: 4582563850811

**128 GB**

PN: LMEX1L128GG2

EAN: 4582563850828

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**256 GB**

PN: LMEX1L256GG2

EAN: 4582563850835

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Model's name	EXCERIA HIGH ENDURANCE	EXCERIA PLUS	EXCERIA
Video recording	64, 128, 256 GB: 4K 32 GB: Full HD	4K	Full HD
Max read/write speed (MB/s)	256 GB: 100/85 64, 128 GB: 100/65 32 GB: 100/30	256 GB: 100/85 64, 128 GB: 100/65 32 GB: 98/65	100/--
Capacity	32, 64, 128, 256 GB	32, 64, 128, 256 GB	16, 32, 64, 128, 256 GB
SD Interface	UHS-I	UHS-I	UHS-I
SD speed class	C10	C10	C10
UHS speed class	64, 128, 256 GB: U3 32 GB: U1	U3	U1
Video speed class	64, 128, 256 GB: V30 32 GB: V10	V30	--
Application Performance Class	A1	A1	--
Waterproof	Yes	Yes	Yes
X-ray resistance	Yes	Yes	Yes
Shock resistance	Yes	Yes	Yes
Overheating / ignition protection	Yes	Yes	Yes
ESD resistance	Yes	Yes	Yes
CPRM	Supported	Supported	--
Strength	High	Standard	Standard
Warranty period	3 years	5 years	5 years

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[U368-64GB](#) [U368-256GB](#) [FD4AU2666CWGSM](#) [FC5NE2128G-E](#) [U330-32GB](#) [FC5RC2008G-R](#) [T1-32G](#) [U210-64GB](#) [MKSD008G-CGT1](#)  
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