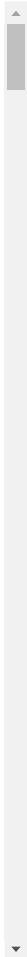


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EXCERIA

microSD Memory Card

Storage that Delivers

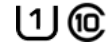
Capacity

16GB 32GB 64GB 128GB 256GB

Max Read Speed⁽¹⁾

100 MB/s

Speed Class ⁽³⁾



Usage

Full HD video recording



Features



Full HD Video Recording



Android™ Compatible



Waterproof



Shock Proof



X-ray Proof



Temperature Durability



ESD Immunity



Overheating/Ignition Prevention

KIOXIA EXCERIA microSD memory cards use BiCS FLASH™ 3D flash memory technology to deliver capacities up to 256GB, allowing you to keep your pictures, songs or videos with you. With a read speed up to 100 MB/s⁽¹⁾, taking pictures and recording video on your mobile device is a breeze so you can focus on getting your best shot.

Flexibility for All Exciting Memories

With high read speed and a wide range of capacity options, the EXERIA microSD memory cards' flexibility will take your next exciting adventure to a new level.

Capture Whenever and Wherever You Need

Record up to 1,490 minutes of Full HD (21Mbps) movie and shoot up to 38,510 photos (18MPixel) whenever you need wherever it might be.

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 microSD Memory Card Product Specifications

Physical

Capacity

16GB, 32GB (microSDHC), 64GB, 128GB, 256GB
(microSDXC)

Approximate Usable Capacity⁽²⁾

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

Interface

UHS-I

Dimension (LxWxH)

15.0 x 11.0 x 1.0 mm

Weight

Approx. 0.3 g

Performance

Max Read Speed⁽¹⁾

100 MB/s

UHS Speed Class⁽³⁾

U1

Video Speed Class⁽³⁾

-

SD Speed Class⁽³⁾

C10

Environmental

Operating Temperature
 -25 ° C to 85 ° C (no condensation)

Storage Temperature
 -40 ° C to 85 ° C

Certification
 RoHS compliant⁽⁶⁾

Waterproof
 Compatible with IPX7^(6,11)

X-ray Proof
 ISO7816-1 compliant^(7,11)

Shock Proof
 Passed 5 meter drop test^(8,11)

Overheating/Ignition Prevention
 Electrical fuse is mounted^(9,11)

ESD Immunity
 Resistant to electrostatic discharge^(10,11)

Compatibility

Target Applications
 Mobile phones, tablets, and eBooks

32GB and Under
 Compatible with microSDHC and microSDXC supporting host devices corresponding to FAT32 file system.

64GB and Over
 Compatible with microSDXC supporting host devices corresponding to exFAT file system.

Additional Features

Services and Support
 5-year limited warranty

Included
 SD Adapter LADP1 or None

Copyright Protection (CPRM)
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Ordering Information
