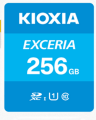

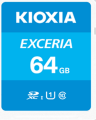




EXCERIA SD Specification

Non-CPRM

Retail Part Number	Global China Japan	LNEX1L256GG4 LNEX1L256GC4 KSDU-A256G	LNEX1L128GG4 LNEX1L128GC4 KSDU-A128G	LNEX1L064GG4 LNEX1L064GC4 KSDU-A064G	LNEX1L032GG4 LNEX1L032GC4 KSDU-A032G	LNEX1L016GG4 LNEX1L016GC4 KSDU-A016G
Bulk Number / Bulk Code No.1		SD-K256G3K2A(AHFFN / 205K5168	SD-K128G3K2A(AHFFN / 205K5167	SD-K64G3K2A(AHFFN) / 205K5153	SD-K32G3K2A(AHFFN) / 205K5139	SD-K16G3K2A(AHFFN) / 205K5135
Brand name		UHS-I E/M	UHS-I E/M	UHS-I E/M	UHS-I E/M	UHS-I E/M
Card Type		SD	SD	SD	SD	SD
Capacity		256GB	128GB	64GB	32GB	16GB
Interface		UHS-I	UHS-I	UHS-I	UHS-I	UHS-I
Picture						
Approximate Usable Capacity *1		230.4GB	115.2GB	57.6GB	28.8GB	14.4GB
SD Specification		Ver.6.10	Ver.6.10	Ver.6.10	Ver.6.10	Ver.6.10
Video Speed Class *6		-	-	-	-	-
Application Performance Class *6		-	-	-	-	-
UHS Speed Class *6		1	1	1	1	1
Legacy Speed Class *6		10	10	10	10	10
Max. Read Speed *2		100MB/s	100MB/s	100MB/s	100MB/s	100MB/s
Max. Write Speed *2		-	-	-	-	-
RoHS Compatibility		V	V	V	V	V
Chinese RoHS Compatibility		10	10	10	10	10
CE		V	V	V	V	V
RCM		V	V	V	V	V
Waterproof *7		-	-	-	-	-
Dimensions	mm	L: 32,W: 24,T: 2.1	L: 32,W: 24,T: 2.1	L: 32,W: 24,T: 2.1	L: 32,W: 24,T: 2.1	L: 32,W: 24,T: 2.1
Weight(Approx.)		2g (Typ), 3g (Max)	2g (Typ), 3g (Max)	2g (Typ), 3g (Max)	2g (Typ), 3g (Max)	2g (Typ), 3g (Max)
Available Date		2020	2020	2020	2020	2020
Country of origin		JAPAN	JAPAN	JAPAN	JAPAN	JAPAN
Pre format type		exFAT	exFAT	exFAT	FAT32	FAT32
X-ray Proof *3		V	V	V	V	V
Shock proof		-	-	-	-	-
Available adapter TYPE		-	-	-	-	-
Operating Voltage for UHS-II(v)		-	-	-	-	-
Operation Voltage for UHS-I and SD Interface(v)		2.7 to 3.6	2.7 to 3.6	2.7 to 3.6	2.7 to 3.6	2.7 to 3.6
Ambient Operating Temperature Range *8		TEMP:-25 to 85°C. (without condensation)	TEMP:-25 to 85°C. (without condensation)	TEMP:-25 to 85°C. (without condensation)	TEMP:-25 to 85°C. (without condensation)	TEMP:-25 to 85°C. (without condensation)
Transfer Speed (MB/s)	HD312(Read)	-	-	-	-	-
	HD312(Write)	-	-	-	-	-
	FD156(Read)	-	-	-	-	-
	FD156(Write)	-	-	-	-	-
	SDR104(Read)	100	100	100	100	100
	SDR104(Write)	-	-	-	-	-
	SDRS0/DDRS0 (Read)	48	48	48	48	48
	SDRS0/DDRS0 (Write)	-	-	-	-	-
HS(Read)	20	20	20	20	20	
HS(Write)	-	-	-	-	-	
Package Type		Blister	Blister	Blister	Blister	Blister
Package Dimensions(mm)		W:76,D:127,H:4.3	W:76,D:127,H:4.3	W:76,D:127,H:4.3	W:76,D:127,H:4.3	W:76,D:127,H:4.3
Package Weight(Approx.)		9g (Typ)	9g (Typ)	9g (Typ)	9g (Typ)	9g (Typ)
Carton Quantity (Units per box)		20 units per inner carton; 20 inner cartons per outer carton (400 units per outer carton)	20 units per inner carton; 20 inner cartons per outer carton (400 units per outer carton)	20 units per inner carton; 20 inner cartons per outer carton (400 units per outer carton)	20 units per inner carton; 20 inner cartons per outer carton (400 units per outer carton)	20 units per inner carton; 20 inner cartons per outer carton (400 units per outer carton)
Inner Carton Dimensions(mm)	Global China Japan	W: 129,D: 57,H: 78	W: 129,D: 57,H: 78	W: 129,D: 57,H: 78	W: 129,D: 57,H: 78	W: 129,D: 57,H: 78
Inner Carton Weight(Approx.)		200g (Typ)	200g (Typ)	200g (Typ)	200g (Typ)	200g (Typ)
Outer Carton Dimensions(mm)		W: 270,D: 305,H: 182	W: 270,D: 305,H: 182	W: 270,D: 305,H: 182	W: 270,D: 305,H: 182	W: 270,D: 305,H: 182
Outer Carton Weight(Approx.)		4500g (Typ)	4500g (Typ)	4500g (Typ)	4500g (Typ)	4500g (Typ)
Units per Pallet		Approx. 22400 units per pallet	Approx. 22400 units per pallet	Approx. 22400 units per pallet	Approx. 22400 units per pallet	Approx. 22400 units per pallet
Layers per Pallet		Approx. 7	Approx. 7	Approx. 7	Approx. 7	Approx. 7
Quantity per Layer		Approx. 3200 units	Approx. 3200 units	Approx. 3200 units	Approx. 3200 units	Approx. 3200 units

Bulk Number / Bulk Code No.1	SD-K256G3K2A(AHFFN) / 205K5168	SD-K128G3K2A(AHFFN) / 205K5167	SD-K64G3K2A(AHFFN) / 205K5153	SD-K32G3K2A(AHFFN) / 205K5139	SD-K16G3K2A(AHFFN) / 205K5135
Bulk Number / Bulk Code No.2	SD-K256G3K2A(ANHFN) / 205K5171	SD-K128G3K2A(ANHFN) / 205K5170	SD-K64G3K2A(AHFN) / 205K5155	SD-K32G3K2A(AHFFN) / 205K5140	SD-K16G3K2A(AMHFN) / 205K5136
Bulk Number / Bulk Code No.3		SD-K128G3K2A(ANHZN) / 205K5169	SD-K64G3K2A(AJHFN) / 205K5157	SD-K32G3K2A(AJHFN) / 205K5142	
Bulk Number / Bulk Code No.4			SD-K64G3K2A(AMHFN) / 205K5158	SD-K32G3K2A(AMHFN) / 205K5145	
Bulk Number / Bulk Code No.5			SD-K64G3K2A(ANHFN) / 205K5161	SD-K32G3K2A(AMHFN) / 205K5144	
Bulk Number / Bulk Code No.6			SD-K64G3K2A(ANHZN) / 205K5160	SD-K32G3K2A(AMHFN) / 205K5143	
Bulk Number / Bulk Code No.7			SD-K64G3K2A(ANHFN) / 205K5159	SD-K32G3K2A(AMHFN) / 205K5146	
Bulk Number / Bulk Code No.8					
Bulk Number / Bulk Code No.9					
Bulk Number / Bulk Code No.10					
Bulk Number / Bulk Code No.11					
Bulk Number / Bulk Code No.12					
Bulk Number / Bulk Code No.13					
Bulk Number / Bulk Code No.14					
Bulk Number / Bulk Code No.15					
Bulk Number / Bulk Code No.16					
Bulk Number / Bulk Code No.17					
Bulk Number / Bulk Code No.18					
Bulk Number / Bulk Code No.19					
Bulk Number / Bulk Code No.20					

Capacity	256GB	128GB	64GB	32GB	16GB	
Approximate Usable Capacity *1	230.4GB	115.2GB	57.6GB	28.8GB	14.4GB	
Picture [shots] *4	5MPixel	162,710	81,350	40,670	20,330	10,160
	6MPixel	134,810	67,400	33,700	16,850	8,420
	8MPixel	108,470	54,230	27,110	13,550	6,770
	10MPixel	76,100	38,050	19,020	9,510	4,750
	12MPixel	62,080	31,040	15,520	7,760	3,880
	15MPixel	46,710	23,350	11,670	5,830	2,910
	18MPixel	38,510	19,250	9,620	4,810	2,400
Movie [min] *5	HD Movie(12Mbps)	2,620	1,310	650	320	160
	HD Movie(13Mbps)	2,410	1,200	600	300	150
	HD Movie(16Mbps)	1,960	980	490	240	120
	HD Movie(17Mbps)	1,850	920	460	230	110
	Full HD Movie(21Mbps)	1,490	740	370	180	90
4K Movie(100Mbps)	314	157	78	39	19	

- *1: The Product is labeled based on the memory chip (s) they contain, not the amount of memory capacity available for data storage by the user. Part of the capacity is reserved for card functionality. For purposes of measuring memory capacity in this context, 1GB= 1,073,741,824 bytes
- *2:Based on KIOXIA Corporation's test results. Read and write speed may vary depending on user-specific conditions such as devices used and file size read or written. For the purpose of calculating read/write speed in this context, 1MB/s=1,000,000 bytes/s.
- *3:Compatible with ISO7816-1
- *4:Approximate shots. Assumed compression rate = 1/4. Number of shots varies depends on photo subjects, shooting condition, resolution and compression.
- *5:Approximate playtime. Actual time depends on the movie device,resolution and compression. 1Mbps=1,000,000 bps
- *6: Indicates reading and writing speeds based on SD Association specifications.
- *7: compatible with IPX7
- *8 Based on KIOXIA Corporation's test results. The operation in all the situations is not warranted. KIOXIA Corporation does not warrant any data stored on the product.