



# KODAK

## MicroSD card Specification





KODAK MicroSD card use high-quality storage chips to strictly ensure the stability and smoothness of data transmission, it has good performance and reliability, longer service life.

KODAK MicroSD card has multiple capacities ranging from 8GB to 512GB are available to meet various storage needs, suitable for smartphones, professional cameras, high-definition cameras, tablets、laptop、driving recorder、GPS、IPC、UAV、audio and other equipment。

KODAK MicroSD card has multiple performance specifications: Class10, U1, U3, A1, A2, etc., which can meet the needs of various devices, its stable performance is an ideal storage choice for various devices and platforms.

## 1. Product specifications

<ul style="list-style-type: none"><li>● <b>Capacity</b><ul style="list-style-type: none"><li>■ 8GB,16GB,32GB, 64GB ,128GB , 256GB 512GB</li></ul></li><li>● <b>Dimensions</b><ul style="list-style-type: none"><li>■ 15.0×11.0×1.0mm</li></ul></li><li>● <b>Temperature range</b><ul style="list-style-type: none"><li>■ Operation: 0°C ~ 70°C</li><li>■ Storage: -25°C ~ 85°C</li></ul></li><li>● <b>Certification</b><ul style="list-style-type: none"><li>■ CE</li><li>■ FCC</li><li>■ RoHS</li></ul></li></ul>	<p>Memory capacity:</p> <ul style="list-style-type: none"><li>1) Standard Capacity MSD Memory Card (SDSC): Up to and including 2 GB</li><li>2) High Capacity MSD Memory Card (SDHC): More than 2GB and up to and including 32GB</li><li>3) Extended Capacity MSD Memory Card (SDXC): More than 32GB and up to and including 2TB</li></ul> <ul style="list-style-type: none"><li>• Voltage range: High Voltage MSD Memory Card – Operating voltage range: 2.7-3.6 V</li></ul>
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## 2. Product Performance

Performance level	8GB C10	16GB C10	8GB U1	16GB U1
Form Factor	SDHC	SDHC	SDHC	SDHC
Sustained Read Performance (MB/sec)	Up to 20	Up to 35	Up to 20	Up to 35
Sustained Write Performance (MB/sec)	Up to 10	Up to 10	Up to 10	Up to 10
ECC Engine	Built-in advanced ECC algorithm	Built-in advanced ECC algorithm	Built-in advanced ECC algorithm	Built-in advanced ECC algorithm
Standard Operating Temperature ( °C )	0 ~ +70	0 ~ +70	0 ~ +70	0 ~ +70
Storage Temperature ( °C )	-25~ + 85	-25~ + 85	-25~ + 85	-25~ + 85
Operating Voltage	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V

Performance level	32GB U1	32GB U3	64GB U3	128GB U3
Form Factor	SDHC	SDXC	SDXC	SDXC
Sustained Read Performance (MB/sec)	Up to 75	Up to 75	Up to 75	Up to 95
Sustained Write Performance (MB/sec)	Up to 15	Up to 25	Up to 25	Up to 25
ECC Engine	Built-in advanced ECC algorithm	Built-in advanced ECC algorithm	Built-in advanced ECC algorithm	Built-in advanced ECC algorithm
Standard Operating Temperature ( °C )	0 ~ +70	0 ~ +70	0 ~ +70	0 ~ +70
Storage Temperature ( °C )	-25~ + 85	-25~ + 85	-25~ + 85	-25~ + 85
Operating Voltage	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V



Performance level	256GB U3	256GB U3 V30 A2	512GB U3	
Form Factor	SDXC	SDXC	SDXC	
Sustained Read Performance (MB/sec)	Up to 90	Up to 100	Up to 90	
Sustained Write Performance (MB/sec)	Up to 80	Up to 93	Up to 60	
ECC Engine	Built-in advanced ECC algorithm	Built-in advanced ECC algorithm	Built-in advanced ECC algorithm	
Standard Operating Temperature ( °C )	0 ~ +70	0 ~ +70	0 ~ +70	
Storage Temperature ( °C )	-25~ + 85	-25~ + 85	-25~ + 85	
Operating Voltage	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V	

### 3. Product design rendering

#### 3.1 Speed class : C10, U1



#### 3.2 Speed class : U3, V30, A1



#### 3.3 Speed class : U3, V30, A2





## 4. Product packaging

