



MEMORY MICRO SDHC 8GB UHS- I/SDCIT2/8GBSP KINGSTON



Model: SDCIT2/8GBSP

Manufacturer: KINGSTON

EAN: 740617321005

Product Code: 761828

R1,595

Ideal for Extreme Conditions

Kingston's Industrial Grade microSD card delivers reliable performance in extreme conditions. Built for industrial applications, it offers high endurance, wide temperature resistance, and read speeds up to 100MB/s*. Designed for durability, it ensures consistent operation in harsh environments.

Kingston's Industrial microSD card is designed and tested to withstand the most demanding environmental factors. With an operating temperature of -40°C to 85°C, it can operate normally even in extreme desert heat to below freezing conditions. The card utilizes industry-leading pSLC mode to provide top transfer speeds up to 100MB/s read and 80MB/s write*. It is rated up to 3480 TBW** with 30K P/E cycles and a built-in feature set specific to endurance, performance, and industrial needs. Kingston's Industrial microSD ships with a UHS-I SD adapter and is available in capacities from 8GB-128GB***.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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Durable in extreme environments****

Designed and tested to be waterproof, temperature proof and X-ray proof

High endurance and reliability

Up to 3840 TBW** and rated to endure 30K P/E cycles to meet requirements for a wide range of industrial applications

UHS-I compliant

Read/write speeds of up to 100/80MB/s* with U3, V30 and A1 support for [Android]-based applications

Industrial grade built-in features

Strong ECC engine, Wear Leveling, Bad Block management and an optional health monitoring tool to manage the lifespan of your card*****

- Durable in extreme temperatures
- High endurance
- UHS-I Speed Class U3, V30, A1
- Industrial-grade built-in features

*Speed may vary due to host and device configuration.

**Terabytes Written (TBW) is derived from the endurance under the highest capacity and is based on internal metrics that quantifies how much data can be written to a card in its lifespan.

***Some of the listed capacity on a Flash storage device is used for formatting and other functions and thus is not available for data storage. As such, the actual available capacity for data storage is less than what is listed on the products. For more information, go to Kingston's Flash Memory Guide.

****IEC/EN 60529 IPX7 certified for protection against continual water submersion up to 30 minutes and depth up to 1m. Withstands temperature range from -40°C to 85°C. Protected against X-ray exposure based on ISO7816-1 guidelines.

*****Kingston flash cards are designed and tested for compatibility with consumer-grade market products. It is recommended that you contact Kingston directly for any OEM opportunities or special use applications that are beyond standard daily consumer usage.

Summary: Kingston Technology 8GB microSDHC Industrial C10 A1 pSLC Card Single Pack w/o Adapter. Capacity: 8 GB, Flash card type: MicroSDHC, Flash memory class: Class 10, Internal

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memory type: UHS-I, Read speed: 100 MB/s, Write speed: 80 MB/s, UHS Speed Class: Class 3 (U3), Video Speed Class: V30. Protection features: Temperature proof, Waterproof, X-ray proof, Product colour: Black | Vendor Homepage: <https://www.kingston.com/en/memory-cards/industrial-grade-microsd-uhs-i-u3?partnum=sdcit2%2F8gb> | Application performance class: A1 | Capacity: 8 | Flash card type: MicroSDHC | Flash memory class: Class 10 | Internal memory type: UHS-I | Read speed: 100 | Supported file systems: FAT32 | UHS Speed Class: Class 3 (U3) | Video Speed Class: V30 | Write speed: 80 | Product colour: Black | Protection features: Temperature proof/Waterproof/X-ray proof | Memory voltage: 3.3 | Operating temperature (T-T): -40 - 85 | Storage temperature (T-T): -40 - 85 | Depth: 14.99 | Height: 1.02 | Weight: 0.23 | Width: 10.92 | Package depth: 5.59 | Package height: 114.3 | Package weight: 11.43 | Package width: 101.6 | Memory adapter included: No | Country of origin: Taiwan | Master (outer) case gross weight: 336.11 | Master (outer) case height: 93.98 | Master (outer) case length: 120.65 | Master (outer) case width: 114.3 | Products per master (outer) case: 25 | Product Net Weight: 0.005 | Shipping Box Height: 0.5 | Unit Calculated Volume: 5.75E-05 | Unit Calculated Weight: 0.01 | Units per Shipping Box: 1 | Model: SDCIT2/8GBSP

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