

Global Etailers





Launch Date	23rd August 2021		
Category	microSD		
Part Numbers / Product Description / UPC Code	SDCIT2/8GB	8GB microSDHC Industrial C10 A1 pSLC Card + SD Adapter	740617321012
	SDCIT2/16GB	16GB microSDHC Industrial C10 A1 pSLC Card + SD Adapter	740617321104
	SDCIT2/32GB	32GB microSDHC Industrial C10 A1 pSLC Card + SD Adapter	740617321074
	SDCIT2/64GB	64GB microSDXC Industrial C10 A1 pSLC Card + SD Adapter	740617321043
	SDCIT2/8GBSP	8GB microSDHC Industrial C10 A1 pSLC Card Single Pack w/o Adapter	740617321005
	SDCIT2/16GBSP	16GB microSDHC Industrial C10 A1 pSLC Card Single Pack w/o Adapter	740617321098
	SDCIT2/32GBSP	32GB microSDHC Industrial C10 A1 pSLC Card Single Pack w/o Adapter	740617321067
	SDCIT2/64GBSP	64GB microSDHC Industrial C10 A1 pSLC Card Single Pack w/o Adapter	740617321036
Country of Origin	Other; China; Taiwan		
Dimension of Product	14.99mm x 10.92mm x 1.02mm	(L x W x H)	
Dimension of Packaging	5.6mm x 101.6mm x 114.3mm	(L x W x H)	
Unit Net Weight / Gross Weight	2g/ 12.73g		
Dimension of Carton	120.7mm x 114.3mm x 94mm	(L x W x H)	
Carton Quantity / Weight	25/ 368.58g		
Warranty****	3 years		

Specifications

Capacities***	8GB, 16GB, 32GB, 64GB
Performance*	Class 10, UHS-I, U3, V30, A1
Endurance**	Up to 1920 TBW 30K P/E cycles
NAND	TLC in pSLC mode
SD adapter dimensions	24mm x 32mm x 2.1mm
Format	FAT32 for SDHC and ExFAT for SDXC
Operating & storage temperature	-40 to 85
Voltage	3.3V
Industrial features	<ul style="list-style-type: none"> • Bad block management • Strong ECC engine • Power failure protection • Wear levelling • Auto-refresh read distribution protection • Dynamic data refresh • SiP – System in Package • Garbage collection • Health monitoring
Thermal cycle testing	Interval testing completed at various extreme temperatures
Vigorous temperature humidity bias	Several hundred hours of testing to ensure durability at varying levels of humidity

Wide temp chamber testing	Completed on all SDCIT2 cards prior to production
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Product Marketing

Product Name	Industrial microSD			
Tagline/Headline	Superior endurance and reliability across industrial applications			
Subhead	Ideal for Extreme Conditions			
Text Layer	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 and sub-zero conditions. The card utilises industry-leading pSLC mode to provide top transfer speeds of up to 100MB/s*. It is rated up to 1920 TBW2 with 30K P/E cycles and has 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-64GB***.			
Bullet Points	<ul style="list-style-type: none"> • Durable in extreme temperatures • High endurance • UHS-I Speed Class U3, V30, A1 • Industrial-grade built-in features 			
Ecommerce Keywords	high endurance micro sd, micro sd card high endurance, industrial micro sd 8gb, industrial sd card 16gb, micro sd card industrial grade, microsd 8gb class 10, industrial grade micro sd, industrial microsd, industrial grade microsd, industrial microsd card			
Image Order* (order from left to right) If only 1 image slot use #1, if only 3 slots use #1-#3 * images are in order of how they should be displayed	 <p>1. Front (Main image/Hero shot/Thumbnail)</p>	 <p>2. Side</p>	 <p>3. Packaging front</p>	 <p>4. Packaging back</p>

* FootNotes

- *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 quantify 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 is thus 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.
- ****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. For more information on intended use, please refer to the Flash Memory Guide