

## Health Monitoring

### Speeds<sup>3</sup>

100MB/s Read  
80MB/s Write

### Endurance<sup>1</sup>

30K P/E Cycles  
Up to 1920 TBW

### Industrial Temperature

-40° – 85° C

### NAND Type

TLC in pSLC Mode

### Capacities<sup>4</sup>

8GB – 64GB

### Standard/Class

UHS-I, C10, U3, V30, A1

kingston.com

## INDUSTRIAL MICROSD (SDCIT2)

Kingston's Industrial microSD (SDCIT2) provides users with more functionality than just industrial temperature support. Built using pSLC mode, the SDCIT2 features 30K P/E cycle endurance rating<sup>1</sup>, U3/V30/A1 support on all capacities, is compatible with the Kingston Health Monitoring tool<sup>2</sup>, and has the option to be packaged with a UHS-I SD adapter.

### Additional Features:

Strong ECC Engine (proprietary technology)	Dynamic Data Refresh
Power Failure Protection	SIP – System in Package
Wear Leveling	Bad Block Management
AutoRefresh Read Distribution Protection	Garbage Collection

Card (SD adapter included)	Card (SD adapter not included)
SDCIT2/8GB	SDCIT2/8GBSP
SDCIT2/16GB	SDCIT2/16GBSP
SDCIT2/32GB	SDCIT2/32GBSP
SDCIT2/64GB	SDCIT2/64GBSP



### #KingstonIsWithYou

<sup>1</sup> 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.

<sup>2</sup> It is recommended that you contact Kingston directly for any OEM opportunities or special use applications that are beyond standard daily consumer usage.

<sup>3</sup> Speed may vary due to host and device configuration.

<sup>4</sup> 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 product.

THIS DOCUMENT SUBJECT TO CHANGE WITHOUT NOTICE.

©2022 Kingston Technology Corporation, 17600 Newhope Street, Fountain Valley, CA 92708 USA. All rights reserved.  
All trademarks and registered trademarks are the property of their respective owners. MKF-957 US

