

SDIT/32GB

Kingston Industrial 32GB SDHC C10 UHS-I U3 V30 A1 Memory Card

Product Overview

Kingston Industrial 32GB SDHC -40C to 85C C10 UHS-I U3 V30 A1 pSLC, SD Industrial Temp (SDIT)



Specifications

Overview:

Kingston's Industrial SD card delivers superior endurance and reliability across industrial applications including automation, telecommunication, data systems, building management and POS systems. It is designed and tested to withstand the most demanding environmental factors. With an operating temperature of -40 degreesC to 85 degreesC, Kingston's Industrial SD card can operate normally in extended temperature ranges. The card utilises the industry-leading pSLC mode to provide reliable read/write speeds up to 100/80MB/s. It is rated up to 1920 TBW with 30K P/E cycles and has a built-in feature set specific to endurance, performance and industrial needs.

Features:

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

Durable in extreme temperatures

Designed and tested to withstand an extended temperature range of -40 degreesC to 85 degreesC for use in harsh conditions.

High endurance and reliability

Up to 1920 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 up to 100/80MB/s with U3, V30 and A1 support for Android-based applications

Industrial-grade built-in features

Wear levelling, bad block management and an optional health monitoring tool to manage the lifespan of your card.

Specifications:

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Specifications	
Product Code	SDIT/32GB
Capacity	32GB
Speed	Up to 100MB/s read, 80MB/s write
Performance	Class 10, UHS-I, U3, V30, A1
Endurance	Up to 1920 TBW
	30K P/E cycles
NAND	TLC in pSLC mode
Dimensions	24mm x 32mm x 2.1mm
Format	FAT32 for SDHC and exFAT for SDXC
Operating & storage temperature	-40 degreesC to 85 degreesC
Voltage	3.3V
Industrial features	Bad block management
	Power failure protection
	Wear levelling
	Auto-refresh read distribution protection
	Dynamic data refresh
	SiP - system in package
	Garbage collection
	Health monitoring
Durability	Waterproof
	Temperature proof
	Protected from airport x-rays
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 SDIT cards prior to production

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/SDIT-32GB-Kingston-Industrial-32GB-SDHC-C10-UHS-I-U3-Buy-p-305348.php>

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