



[kingston.com/industrial-ssd](http://kingston.com/industrial-ssd)

## Kingston Industrial SSDs

### Perfect storage solutions for system designers and builders

Kingston® offers a high-quality line of Industrial Temperature SATA solid-state drives created specifically for system designers and builders who require increased reliability for harsh environments.

The line includes:

- SATA 2.5-inch and SATA M.2 2280
- Capacity range – 128GB, 256GB, 512GB, 1TB
- Operating temperature range – -40°C~85°C

Kingston's industrial SSDs are designed and approved for reliable operation over a wide temperature range. The SSDs are verified at various temperature ranges and undergo a full burn-in test process prior to leaving the Kingston factory. Kingston Industrial SSDs incorporate advanced controllers that automatically perform wear-levelling, garbage collection and other critical NAND flash management features. These SSDs use the latest 3D TLC NAND flash technology that offers the best balance of cost and reliability.

## KEY BENEFITS

System designers and builders rely on a storage partner like Kingston to provide them with increased visibility from product introduction, through its lifecycle, and finally to its end-of-life and transition to the next generation of technology.

Kingston offers the following benefits to its customers with the Industrial SSD product line:

- Controlled BOM and firmware – Ensures there are no changes to key components after customer qualification
- PCN support - All generational changes and firmware updates are handled through a controlled and timed process.

- Engineering support – Customers have a direct contact with their regional Kingston Field Application Engineering teams for fast response to storage requirement questions and support requests
- Global support – Kingston can coordinate SSD deliveries with a customer's Original Design Manufacturers (ODMs) or Contract Manufacturers (CMs) in other regions of the world, if required
- Warranty\* — For peace of mind, our Industrial SSDs are backed by a limited five-year warranty and free technical support.

## MARKET SEGMENTS



Delivery drones



Digital signage



Robotics



Kiosk (charging stations, key makers, ATM)



Surveillance systems/mobile recording

## INDUSTRIAL SSD PART NUMBERS AND SPECIFICATIONS (INDUSTRIAL TEMPERATURE)

2.5" SATA Rev. 3	Capacity	Description
OTCSIS3128Q-B00	128GB	2.5" 7mm 128GB SSD TLC
OTCSIS3256Q-B00	256GB	2.5" 7mm 256GB SSD TLC
OTCSIS3512Q-B00	512GB	2.5" 7mm 512GB SSD TLC
OTCSIS31024Q-B00	1TB	2.5" 7mm 1TB SSD TLC
M.2 2280 SATA Rev. 3	Capacity	Description
OTM8SIS3128Q-B00	128GB	M.2 2280 128GB SSD TLC
OTM8SIS3256Q-B00	256GB	M.2 2280 256GB SSD TLC
OTM8SIS3512Q-B00	512GB	M.2 2280 512GB SSD TLC
OTM8SIS31024Q-B00	1TB	M.2 2280 1TB SSD TLC

### Contact Kingston

Please contact your Kingston representative. This programme is currently available in limited regions but will be expanded gradually.

\* Limited warranty based on 5 years or "Percentage Used", which can be found using any available SMART attribute reader. See [Kingston.com/wa](http://Kingston.com/wa) for details.



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