

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 requiring 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-leveling, 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 their 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
0TCS1S3128Q-B00	128GB	2.5" 7mm 128GB SSD TLC
0TCS1S3256Q-B00	256GB	2.5" 7mm 256GB SSD TLC
0TCS1S3512Q-B00	512GB	2.5" 7mm 512GB SSD TLC
0TCS1S31024Q-B00	1TB	2.5" 7mm 1TB SSD TLC
M.2 2280 SATA Rev. 3	**Capacity**	**Description**
0TM8S1S3128Q-B00	128GB	M.2 2280 128GB SSD TLC
0TM8S1S3256Q-B00	256GB	M.2 2280 256GB SSD TLC
0TM8S1S3512Q-B00	512GB	M.2 2280 512GB SSD TLC
0TM8S1S31024Q-B00	1TB	M.2 2280 1TB SSD TLC

Contact Kingston

Please contact your Kingston representative. This program 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 for details.

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