

kingston.com/industrial-ssd

Industrial Temperature SATA SSDs

Perfect storage solutions for system designers and builders

Kingston® offers a line of Industrial Temperature SATA solid-state drives created specifically for system designers that require a wider operating temp range for extreme environments. The Industrial Temp SATA line of SSDs includes, 2.5-inch and M.2 2280 form factors ranging in capacity from 128GB to 1TB. Kingston Industrial Temp SSDs incorporate advanced SATA 3, 6Gbps controllers that automatically perform wear-leveling, garbage collection and other vital NAND Flash management features. Kingston Industrial Temp SSDs also incorporate high speed next-generation 3D NAND Flash. They are a drop-in replacement for hard drives and deliver up to 20x greater performance as well as higher reliability than HDD's.

KEY BENEFITS

System designers and builders rely on consistent storage products. Kingston offers the following benefits 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 to 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



Point of Sale (POS)



Digital Signage



Robotics



Kiosk (Charging Stations, Key Makers, ATM)



Military

INDUSTRIAL TEMP SATA SSD PART NUMBERS AND SPECIFICATIONS

Industrial Operating Temp Range -40°C ~ 85C		
2.5" SATA Rev. 3	Capacity	Description
OTCS1S31280-B00	128GB	2.5" 7mm 128GB SSD
OTCS1S32560-B00	256GB	2.5" 7mm 256GB SSD
OTCS1S35120-B00	512GB	2.5" 7mm 512GB SSD
OTCS1S310240-B00	1TB	2.5" 7mm 1TB SSD
M.2 2280 SATA Rev. 3	Capacity	Description
OTM8S1S31280-B00	128GB	M.2 2280 128GB SSD
OTM8S1S32560-B00	256GB	M.2 2280 256GB SSD
OTM8S1S35120-B00	512GB	M.2 2280 512GB SSD
OTM8S1S310240-B00	1TB	M.2 2280 1TB SSD

Contact Kingston

- For more information visit us at: www.kingston.com/industrial-ssd
- For direct support contact us at: Product Inquiry form
- For quick questions email us at:
IndustrialSSD@kingston.com (USA and the Americas)
customerservice@kingston.eu (EMEA)

* 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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