kingston.com/industrial-ssd

Industrial SATA SSDs

Perfect storage solutions for system designers and builders

Kingston® offers a line of Industrial SATA solid-state drives created specifically for system designers and builders. The Industrial SATA line of SSDs includes, 2.5-inch, mSATA, M.2 2242 and M.2 2280 form factors. Kingston Industrial SSDs incorporate advanced SATA 3, 6Gbps controllers that automatically perform wear-leveling, garbage collection and other vital NAND Flash management features. Kingston Industrial 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 three-year warranty and free technical support.
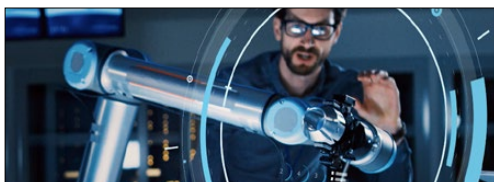
MARKET SEGMENTS

Point of Sale (POS)

Digital Signage

Robotics

Kiosk (Charging Stations, Key Makers, ATM)

Surveillance/Mobile Recording

INDUSTRIAL SATA SSD PART NUMBERS AND SPECIFICATIONS

Commercial Operating Temp Range 0°C ~ 70°C		
2.5" SATA Rev. 3	**Capacity**	**Description**
0CP0S3128Q-A0	128GB	2.5" 7mm 128GB SSD
0CP0S325Q-A0	256GB	2.5" 7mm 256GB SSD
0CP0S3512Q-A0	512GB	2.5" 7mm 512GB SSD
0CP0S31024Q-A0	1TB	2.5" 7mm 1TB SSD

mSATA SATA Rev. 3	**Capacity**	**Description**
0MSP0S3128Q-00	128GB	mSATA 128GB SSD
0MSP0S3256Q-00	256GB	mSATA 256GB SSD
0MSP0S3512Q-00	512GB	mSATA 512GB SSD

M.2 SATA Rev. 3	**Capacity**	**Description**
0M4P0S3128Q-A0	128GB	M.2 2242 128GB SSD
0M4P0S3256Q-A0	256GB	M.2 2242 256GB SSD
0M4P0S3512Q-A0	512GB	M.2 2242 512GB SSD
0M8P0S3128Q-A0	128GB	M.2 2280 128GB SSD
0M8P0S3256Q-A0	256GB	M.2 2280 256GB SSD
0M8P0S3512Q-A0	512GB	M.2 2280 512GB SSD
0M8P0S31024Q-A0	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 3 years or "Percentage Used" which can be found using any available SMART Attribute Reader. See Kingston.com/wa for details.

Kingston TECHNOLOGY