



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

## Kingston Industrial SSDs

### Perfect storage solutions for system designers and builders

Kingston® offers a high-quality line of Industrial SATA and NVMe solid-state drives created specifically for system designers and builders.

The line includes

- SATA 2.5-inch, mSATA, M.2 2242 and M.2 2280
- PCIe Gen. 4 NVMe: M.2 2280, M.2 2230
- Capacity range – 128GB, 256GB, 512GB, 1TB
- Commercial operating temperature range – 0°C~70°C

Kingston Industrial SSDs incorporate advanced controllers that automatically perform wear-levelling, garbage collection and other NAND flash management features. Kingston's 2.5" SATA SSDs are a drop-in replacement for hard drives and deliver up to 20x greater performance, as well as high reliability. Industrial SSDs incorporate next-generation 3D TLC NAND flash for the best cost and reliability.

## 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 SSD PART NUMBERS AND SPECIFICATIONS (COMMERCIAL TEMP)

2.5" SATA REV.3	Capacity	Description
OCP0S3128Q-A0	128GB	2.5" 7mm 128GB SSD TLC
OCP0S3256Q-A0	256GB	2.5" 7mm 256GB SSD TLC
OCP0S3512Q-A0	512GB	2.5" 7mm 512GB SSD TLC
OCP0S31024Q-A0	1TB	2.5" 7mm 1TB SSD TLC

mSATA SATA Rev. 3	Capacity	Description
OMSP0S3128Q-00	128GB	mSATA 128GB SSD TLC
OMSP0S3256Q-00	256GB	mSATA 256GB SSD TLC
OMSP0S3512Q-00	512GB	mSATA 512GB SSD TLC

M.2 SATA Rev. 3	Capacity	Description
OM4POS3128Q-A0	128GB	M.2 2242 128GB SSD TLC
OM4POS3256Q-A0	256GB	M.2 2242 256GB SSD TLC
OM4POS3512Q-A0	512GB	M.2 2242 512GB SSD TLC
OM8POS3128Q-A0	128GB	M.2 2280 128GB SSD TLC
OM8POS3256Q-A0	256GB	M.2 2280 256GB SSD TLC
OM8POS3512Q-A0	512GB	M.2 2280 512GB SSD TLC
OM8POS31024Q-A0	1TB	M.2 2280 1TB SSD TLC

M.2 PCIe Gen 4 x4	Capacity	Description
OM8PGP4128Q-A0	128GB	M.2 2280 128GB SSD TLC
OM8SEP4256Q-A0	256GB	M.2 2280 256GB SSD TLC
OM8SEP4512Q-A0	512GB	M.2 2280 512GB SSD TLC
OM8SEP41024Q-A0	1TB	M.2 2280 1TB SSD TLC
OM8SEP4512N-A0	512GB	M.2 2280 512GB SSD QLC
OM8SEP41024N-A0	1TB	M.2 2280 1TB SSD QLC
OM8PGP42048N-A0	2TB	M.2 2280 2TB SSD QLC
OM3PGP4128Q-A0	128GB	M.2 2230 128GB SSD TLC
OM3PGP4256Q-A0	256GB	M.2 2230 256GB SSD TLC
OM3PGP4512Q-A0	512GB	M.2 2230 512GB SSD TLC
OM3PGP41024P-A0	1TB	M.2 2230 1TB SSD TLC

### For more information

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



\* Limited warranty based on 3 years or "Percentage Used", which can be found using any available SMART attribute reader. For NVMe SSDs, a new unused product will show a Percentage Used value of 0, whereas a product that reaches its warranty limit will show a Percentage Used value of greater than or equal to one hundred (100). See [Kingston.com/wa](https://www.kingston.com/wa) for details.

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