



[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 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-leveling, 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            |
|-----------------|----------|------------------------|
| OCPOS3128Q-A0   | 128GB    | 2.5" 7mm 128GB SSD TLC |
| OCPOS3256Q-A0   | 256GB    | 2.5" 7mm 256GB SSD TLC |
| OCPOS3512Q-A0   | 512GB    | 2.5" 7mm 512GB SSD TLC |
| OCPOS31024Q-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 program 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](http://Kingston.com/wa) for details.

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