



kingston.com/industrial-ssd

Industrial NVMe SSDs

Perfect storage solutions for system designers and builders

Kingston® offers a line of Industrial NVMe solid-state drives created specifically for system designers and builders. The Industrial NVMe line of SSDs includes M.2 2280 and M.2 2230 form-factors. Kingston Industrial SSDs incorporate advanced PCIe Gen 4, NVMe 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. NVMe SSDs offer a big leap in performance over traditional storage interfaces for applications requiring high throughput and low latency.

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 NVMe SSD PART NUMBERS AND SPECIFICATIONS

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

