



kingston.com/design-in-ssd

Design-In SATA SSDs

Perfect storage solutions for system designers and builders

Kingston® offers a line of Design-In SATA solid-state drives created specifically for system designers and builders. The Design-In SATA line of SSDs includes, 2.5-inch, mSATA, M.2 2242 and M.2 2280 form factors. Design-In SSDs incorporate advanced SATA 3, 6Gbps controllers that automatically perform wear-leveling, garbage collection and other vital NAND Flash management features. They are a drop-in replacement for hard drives and deliver up to 20x greater performance as well as high reliability. Design-In SSDs incorporate high speed next-generation 3D NAND Flash.

KEY BENEFITS

System designers and builders rely on consistent storage products. Kingston offers the following benefits with the Design-In 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 Design-in 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

DESIGN-IN SATA SSD PART NUMBERS AND SPECIFICATIONS

2.5" SATA Rev. 3	Capacity	Description
OCPOS3128Q-A0	128GB	2.5" 7mm 128GB SSD
OCPOS3256Q-A0	256GB	2.5" 7mm 256GB SSD
OCPOS3512Q-A0	512GB	2.5" 7mm 512GB SSD
OCPOS31024Q-A0	1TB	2.5" 7mm 1TB SSD

mSATA SATA Rev. 3	Capacity	Description
OMSPOS3128Q-00	128GB	mSATA 128GB SSD
OMSPOS3256Q-00	256GB	mSATA 256GB SSD
OMSPOS3512Q-00	512GB	mSATA 512GB SSD

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

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. See Kingston.com/wa for details.

