



kingston.com/design-in-ssd

Design-In SSDs

Perfect storage solutions for system designers and builders

Kingston® offers a line of Design-In 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. 3 NVMe: M.2 2280, M.2 2230

Design-In SSDs incorporate advanced controllers that automatically perform wear-leveling, garbage collection and other 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 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 SSD PART NUMBERS AND SPECIFICATIONS

2.5" SATA REV.3	Capacity	Description
OCPOS364B-A0	64GB	2.5" 7mm 64GB SSD
OCPOS3128B-A0	128GB	2.5" 7mm 128GB SSD
OCPOS3256B-A0	256GB	2.5" 7mm 256GB SSD
OCPOS3512B-A0	512GB	2.5" 7mm 512GB SSD

mSATA SATA Rev. 3	Capacity	Description
OMSP0S364B-00	64GB	mSATA 64GB SSD
OMSP0S3128B-00	128GB	mSATA 128GB SSD
OMSP0S3256B-00	256GB	mSATA 256GB SSD
OMSP0S3512B-00	512GB	mSATA 512GB SSD

M.2 SATA Rev. 3	Capacity	Description
OM4P0S364B-A0	64GB	M.2 2242 64GB SSD
OM4P0S3128B-A0	128GB	M.2 2242 128GB SSD
OM4P0S3256B-A0	256GB	M.2 2242 256GB SSD
OM8P0S364B-A0	64GB	M.2 2280 64GB SSD
OM8P0S3128B-A0	128GB	M.2 2280 128GB SSD
OM8P0S3256B-A0	256GB	M.2 2280 256GB SSD
OM8P0S3512B-A0	512GB	M.2 2280 512GB SSD

M.2 PCIe Gen. 3 NVMe 1.3	Capacity	Description
OM8PDP364B-A01	64GB	M.2 2280 64GB SSD
OM8PDP3128B-A01	128GB	M.2 2280 128GB SSD
OM8PDP3256B-A01	256GB	M.2 2280 256GB SSD
OM8PDP3512B-A01	512GB	M.2 2280 512GB SSD
OM8PDP31024B-A01	1024GB	M.2 2280 1024GB SSD
OM8PDP3128B-C0	128GB	M.2 2280 128GB SSD -TCG OPAL
OM8PDP3256B-C0	256GB	M.2 2280 256GB SSD -TCG OPAL
OM8PDP3512B-C0	512GB	M.2 2280 512GB SSD -TCG OPAL
OM3PDP3128B-A01	128GB	M.2 2230 128GB SSD
OM3PDP3256B-A01	256GB	M.2 2230 256GB SSD
OM3PDP3512B-A01	512GB	M.2 2230 512GB 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. 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.

