

Kingston Design-In SSDs

– Perfect storage solutions for system designers and builders



Overview

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

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:

- Locked 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

Design-In SSD Part Numbers and Specifications

2.5" SATA Rev. 3	Capacity	Description
U-SC180S37/32GJ	32GB	2.5" 7mm 32GB SSD
U-SC180S37/64GJ	64GB	2.5" 7mm 64GB SSD
U-SC180S37/128GJ	128GB	2.5" 7mm 128GB SSD
U-SC180S37/256GJ	256GB	2.5" 7mm 256GB SSD
U-SC180S37/512GJ	512GB	2.5" 7mm 512GB SSD

mSATA SATA Rev. 3	Capacity	Description
U-SMS180S3/32GJ	32GB	mSATA 32GB SSD
U-SMS180S3/64GJ	64GB	mSATA 64GB SSD
U-SMS180S3/128GJ	128GB	mSATA 128GB SSD
U-SMS180S3/256GJ	256GB	mSATA 256GB SSD
U-SMS180S3/512GJ	512GB	mSATA 512GB SSD

M.2 SATA Rev. 3	Capacity	Description
U-SNS4180S3/32GJ	32GB	M.2 2242 32GB SSD
U-SNS4180S3/64GJ	64GB	M.2 2242 64GB SSD
U-SNS4180S3/128GJ	128GB	M.2 2242 128GB SSD
U-SNS4180S3/256GJ	256GB	M.2 2242 256GB SSD
U-SNS8180S3/64GJ	64GB	M.2 2280 64GB SSD
U-SNS8180S3/128GJ	128GB	M.2 2280 128GB SSD
U-SNS8180S3/256GJ	256GB	M.2 2280 256GB SSD
U-SNS8180S3/512GJ	512GB	M.2 2280 512GB SSD

M.2 PCIe Gen. 3 NVMe 1.2	Capacity	Description
U-SNS8154P3/128GJ	128GB	M.2 2280 x2 128GB SSD
U-SNS8154P3/256GJ	256GB	M.2 2280 x2 256GB SSD
U-SNS8154P3/512GJ	512GB	M.2 2280 x2 512GB SSD

For more information

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