kingston.com/design-in-ssd

Design-In NVMe SSDs

Perfect storage solutions for system designers and builders

Kingston® offers a line of Design-In NVMe solid-state drives created specifically for system designers and builders. The Design-In NVMe line of SSDs includes M.2 2280, M.2 2230 and BGA SSD form factors. Design-In SSDs incorporate advanced PCIe Gen 3, NVMe controllers that automatically perform wear-leveling, garbage collection and other vital NAND Flash management features. NVMe SSDs offer a big leap in performance over traditional storage interfaces for applications requiring high throughput and low latency. Design-In SSDs incorporate high speed next-generation 3D NAND Flash.

#KingstonIsWithYou

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 NVME SSD PART NUMBERS AND SPECIFICATIONS

M.2 PCIe Gen. 3 NVMe 1.3	Capacity	Description
0M8PDP364B-A01	64GB	M.2 2280 64GB SSD
0M8PDP3128B-A01	128GB	M.2 2280 128GB SSD
0M8PDP3256B-A01	256GB	M.2 2280 256GB SSD
0M8PDP3512B-A01	512GB	M.2 2280 512GB SSD
0M8PDP31024B-A01	1024GB	M.2 2280 1024GB SSD
0M3PDP3128B-A01	128GB	M.2 2230 128GB SSD
0M3PDP3256B-A01	256GB	M.2 2230 256GB SSD
0M3PDP3512B-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.

Kingston T E C H N O L O G Y