



SanDisk Industrial iNAND Embedded Flash Devices

Specifications	iNAND Industrial XT	iNAND Industrial	iNAND Industrial w/EUDA
Capacity¹	4GB - 64GB	4GB - 64GB	8GB - 64GB
Interface	e.MMC 4.51+ HS200	e.MMC 4.51+ HS200	e.MMC 4.41+
NAND Flash Technology	X2 (MLC)	X2 (MLC)	X2 (MLC)
Flash Management	Embedded Firmware		
Operating Voltage	Core: 3.3V; IO: 3.3V, 1.8V		
Operating Temp	-40°C to 85°C	-25°C to 85°C	-25°C to 85°C
Performance²			
Sequential W/R	Up to 37/120 MB/s	Up to 37/120 MB/s	Up to 20/90 MB/s
Random W/R	Up to 1.2K/4.5K IOPS	Up to 1.2K/4.5K IOPS	Up to 200/2K IOPS
Package (mm)			
11.5x13x1.4mm	4GB - 32GB	4GB - 64GB	8GB - 64GB
12x16x1.4mm	64GB	—	—

Ordering Information

Capacity	iNAND Industrial XT	iNAND Industrial	iNAND Industrial w/EUDA
4GB	SDIN8DE2-4G-XI	SDIN8DE2-4G-I	—
8GB	SDIN8DE1-8G-XI	SDIN8DE1-8G-I	SDIN7DU2-8G-I
16GB	SDIN8DE2-16G-XI	SDIN8DE2-16G-I	SDIN7DU2-16G-I
32GB	SDIN8DE4-32G-XI	SDIN8DE4-32G-I	SDIN7DU2-32G-I
64GB	SDIN8CE4-64G-XI	SDIN8DE4-64G-I	SDIN7DU2-64G-I

¹ 1GB=1,000,000,000 bytes. Actual user storage less.

² Based on internal testing; performance may vary depending upon drive capacity, file attributes, host device, OS and application.

The SanDisk Advantage

- More than 25 years expertise in NAND flash development and system design
- Vertically Integrated: memory chip & controller design, memory manufacturing, product assembly and testing
- World Class technical and design support

Contact information

For all inquiries, please email:
oemproducts@sandisk.com

For more information, please visit:
www.sandisk.com

SanDisk

SanDisk Corporation | Corporate Headquarters
951 SanDisk Drive | Milpitas | CA 95035 | USA

©2015 SanDisk Corporation. All rights reserved.
SanDisk and iNAND are trademarks of SanDisk Corporation, registered in the United States and other countries.

At SanDisk, we're expanding the possibilities of data storage. For more than 25 years, SanDisk's ideas have helped transform the industry, delivering next generation storage solutions for consumers and businesses around the globe.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

SanDisk:

[SDIN8DE4-32G-I](#) [SDIN8DE2-16G-XI](#)