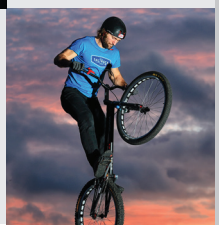
SanDisk®

Captured on smartphones with iNAND embedded flash memory



A Global Leader in Flash Memory Storage Solutions

Embedded & Integrated Solutions

SanDisk®

- Decades of innovation in the flash memory industry
- All leading smartphone and tablet manufacturers use SanDisk flash memory
- Full portfolio for all market segments to drive innovations in a connected world
- Expertise in system-level architecture
- Partnership with all leading chipset vendors
- World-class fabs via joint ventures with Toshiba

Transforming possibilities into reality

Today's consumers depend on their smartphones, tablets, and other connected devices for a range of applications and services, and demand an exceptional level of performance wherever data is created, stored, analyzed or transferred. Device manufacturers rely on flash memory to provide exceptional system and app performance. We enable everyone in the mobile ecosystem, from device manufacturers to chipset makers and more, to transform ideas into reality and find new ways to engage consumers with innovative on-the-go experiences.

Vertical Integration

With a vertically-integrated business model, we have the unique capability to quickly deliver innovative, reliable and high-performance solutions with less time from research to realization. We offer OEM customers flash-optimized hardware and software with high density and low cost.

Driving the Future

Collaborating closely with device manufacturers, operating system vendors, mobile network operators, system integrators, chipset providers and application developers, we optimize the SanDisk embedded flash portfolio to enable next-generation devices.

We also actively participate in organizations such as JEDEC and the SD Association, playing a key role in setting the industry standards that drive mobile computing's future.

A Trusted Partner

We are a trusted partner to some of the world's leading mobile device manufacturers and ecosystem partners. They turn to us for our innovative technologies and passionate approach to developing leading storage solutions.

Mobile & Compute

Industrial/IoT

Delivering Exceptional User Experiences

iNAND® Embedded Flash Drives

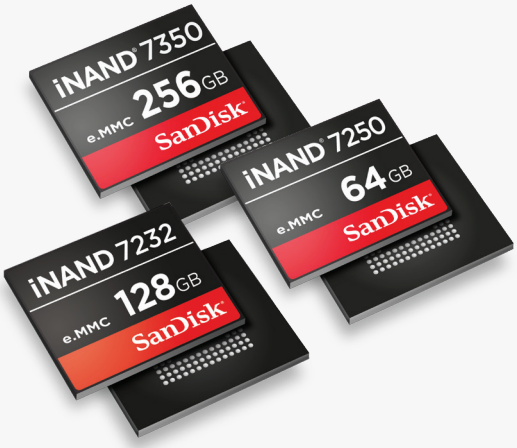
iNAND Embedded Flash Drives (EFDs) enable OEMs to deliver high storage capacity with cutting-edge performance across a wide range of price points. The industry-standard e.MMC interfaces make integrating iNAND flash memory into new devices fast and easy.

iNAND EFDs provide not only storage capacity for music, photos, videos and virtual reality content but also a faster, more responsive experience that enables consumers to multitask, quickly move between applications and capture high-resolution images in burst mode.

iNAND 7350 is a high-performance e.MMC flash drive built with 3D NAND flash technology. With capacities up to 256GB and small form factors, it's designed for today's demanding mobile applications.

iNAND 7250 is a commercial-grade e.MMC flash drive ideally suited for industrial applications, providing reliability and endurance across a wide range of operating environments.

iNAND 7232 features the 2nd generation SmartSLC technology, boosting sequential write speeds for smooth recording of 4K and UHD video.



iNAND Features and Benefits

- Superior Read and Write performance for faster file transfer, system boot and app launch.
- Capacities up to 256GB in small form factors
- Can be used in a wide variety of applications

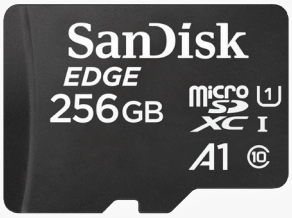
OEM microSD™ Cards

Reliable Edge Storage in a Connected World

SanDisk Edge™ microSD™ card is a commercial-grade card leveraging 3D NAND storage technology. It delivers reliable edge storage that meets rigorous security, capacity, performance and environmental requirements. With capacities from 16GB to 256GB, the card can store up to 60 hours of Full HD video for use in surveillance, dash cameras, drones and other commercial applications.

A New Dimension of Mobile Application Performance

SanDisk OEM A1 microSD™ card is designed to meet the Application Performance Class 1 (A1) requirements from the latest SD Association's SD 5.1 specifications. By meeting the A1 performance standard and with 256GB capacity, this card gives consumers the option of using the card as an internal storage to achieve extra capacity, faster speed and a better smartphone experience.



microSD Features and Benefits

- Storage expandability
- Data is protected
- Extended video recording time with added high resolution

Automotive

Connected Home

iNAND® Embedded Flash Drives			
	iNAND® 7350	iNAND® 7232	iNAND® 7250
Product Spec			
Capacity	32GB-256GB[1]	16GB-128GB[1]	8GB-64GB[1]
Interface	e.MMC 5.1 HS400	e.MMC 5.1 HS400	e.MMC 5.1 HS400
Package (mm)			
8GB			11.5x13x0.8mm
16GB		11.5x13x0.9mm	11.5x13x0.8mm
32GB	11.5x13x0.8mm	11.5x13x0.9mm	11.5x13x1.0mm
64GB	11.5x13x1.0mm	11.5x13x1.0mm	11.5x13x1.2mm
128GB	11.5x13x1.0mm	11.5x13x1.2mm	
256GB	11.5x13x1.2mm		
Ordering Information			
8GB			SDINBDG4-8G
16GB		SDINADF4-16G-L/H	SDINBDG4-16G
32GB	SDINBDD4-32G	SDINADF4-32G-L/H	SDINBDG4-32G
64GB	SDINBDD4-64G	SDINADF4-64G-L/H	SDINBDG4-64G
128GB	SDINBDD4-128G	SDINADF4-128G-L/H	
256GB	SDINBDD4-256G		

microSD Cards					
	Speed Class U3/V30	Speed Class 10			Speed Class 4
Part Number	SDSDQAE-xxxG	SDSDQAD-256G	SDSDQAD-200G	SDSDQAD-xxxG	SDSDQAB-xxxG
Capacity	32GB to 128GB	256GB	200GB	8GB to 128GB	8GB to 64GB
Interface	UHS-1 104	UHS-I 104	UHS-I 104	UHS-I 104	UHS-I 50
NAND Flash Technology	1Znm	3D NAND	1Znm	1Znm	1Znm
Performance (MB/s)[2]	Up to 80/50	Up to 95/10	Up to 80/10	Up to 40/10	Up to 20/5
Operating Voltage	2.7V - 3.6V				
Operating Temperatures	-25°C - 85°C	-25°C - 85°C	-25°C - 85°C	-25°C - 85°C	-25°C - 85°C

[1] 1 gigabyte (GB) = 1 billion bytes.
[2] Based on SanDisk internal testing. Performance based on e.MMC high speed interface, using an 8-bit bus. Read and write speed may vary depending on read/write conditions. 1 megabyte (MB) = 1 million bytes.

Contact information

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