

SanDisk Removable Storage Solutions



Product Highlights

Operating Temp Range:

- -25°C to 85°C

Form Factor:

- microSDHC™ (4GB-32GB)
- microSDXC™ (64GB-200GB)
- SDHC™ (8GB-32GB)
- SDXC™ (64GB-128GB)

Broad Portfolio:

- 4GB to 200GB

Performance/speed:

- Class 4, Class 10, U3

Key Benefits:

Vertical Integration: Using SanDisk's patented NAND flash memory and controller technologies

SanDisk High Endurance microSDHC/microSDXC cards achieve endurance levels of up to 192 terabytes written (TBW).

SanDisk's patented NAND flash memory and controller technologies, record at up to 20MB/s² and offer Class 10 video, giving the speed and reliability to shoot Full HD as well as HD video.

SanDisk Superior SD memory cards enable you to offer users the capability to record Full HD videos, take burst-mode photography and faster transfer speeds when they use next-generation electronic consumer devices.

SanDisk products, from professional-grade camera memory to point-and-shoot SD cards to microSD cards, deliver industry-leading performance and reliability.

Our SD cards are also designed to meet the security, capacity, performance, and environmental requirements of next generation devices.

From HD video capture to GPS navigation, mobile and other connected consumer electronic devices offer features that place growing demands on removable storage. SanDisk microSD and microSDHC memory cards meet the needs of these devices with the right balance of power, portability, and performance. SanDisk microSD and microSDHC memory cards feature high-quality 3-bit-per-cell (X3) NAND memory designed and manufactured by SanDisk itself. SanDisk microSD and microSDHC memory cards feature sophisticated controller designs, advanced memory management, and intelligent, processor-based high-level subsystems that function independently of the host.

OEMs can increase the storage capacity of mobile computing devices and cameras with SD memory cards from SanDisk, the most trusted brand name in removable storage. SanDisk SD memory cards incorporate NAND memory specifically designed and manufactured for mass storage applications. They meet rigorous security, capacity, performance, and environmental requirements.

SanDisk Vertical Integration Gives OEMs a Competitive Edge

SanDisk controls every step of the NAND flash manufacturing process, as well as product architecture, controller design, and supply chain, ensuring OEMs get the quality and flexibility they need to compete effectively.

SanDisk was a founding member of the SD Association, an open industry standards group that maintains the SD standard. The SD Association has over 500 members creating applications for SD memory cards, the fastest-growing and highest-volume flash memory form factor. SanDisk SD memory cards are fully compliant with the latest specifications and are available in capacities up to 200GB* and ratings up to Class 10 U3 with 80MB/s** read/write performance.

Full Size SDs								
Form Factor	Category	SKU	Operating Temp	Cap	Class	U1/U3	Bus Mode Seq WR	Seq RD
4GB								
SD	OEM	SDSDAA-004G	-25°C+85°C	4	4	UHS 50		
8GB								
SD	OEM	SDSDAA-008G	-25°C+85°C	8	4	UHS 50		
SD	OEM	SDSDAE-008G	-25°C+85°C	8	10 U1	UHS 104	30	80
16GB								
SD	OEM	SDSDAA-016G	-25°C+85°C	16	4	UHS 50		
SD	OEM	SDSDAE-016G	-25°C+85°C	16	10 U3	UHS 104	50	80
32GB								
SD	OEM	SDSDAA-032G	-25°C+85°C	32	4	UHS 50		
SD	OEM	SDSDAE-032G	-25°C+85°C	32	10 U3	UHS 104	50	80
64GB								
SD	OEM	SDSDAE-064G	-25°C+85°C	64	10 U3	UHS 104	50	80
128GB								
SD	OEM	SDSDAE-128G	-25°C+85°C	128	10 U3	UHS 104	50	80

MicroSD								
Form Factor	Category	SKU	Operating Temp	Cap	Class	U1/U3	Bus Mode Seq WR	Seq RD
4GB								
MicroSD	OEM	SDSDQAB-004G	-25°C+85°C	4	4	UHS 50	5	20
8GB								
MicroSD	OEM	SDSDQAB-008G	-25°C+85°C	8	4	UHS 50	5	20
MicroSD	OEM	SDSDQAD-008G	-25°C+85°C	8	10 U1	UHS 104	10	40
16GB								
MicroSD	OEM	SDSDQAB-016G	-25°C+85°C	16	4	UHS 50	5	20
MicroSD	OEM	SDSDQAD-016G	-25°C+85°C	16	10 U3	UHS 104	10	40
32GB								
MicroSD	OEM	SDSDQAB-032G	-25°C+85°C	32	4	UHS 50	5	20
MicroSD	OEM	SDSDQAD-032G	-25°C+85°C	32	10 U1	UHS 50	10	40
MicroSD	OEM	SDSDQAE-032G	-25°C+85°C	32	10 U3	UHS 104	50	80
64GB								
MicroSD	OEM	SDSDQAB-064G	-25°C+85°C	64	4	UHS 104	5	20
MicroSD	OEM	SDSDQAD-064G	-25°C+85°C	64	10 U1	UHS 50	10	40
MicroSD	OEM	SDSDQAE-064G	-25°C+85°C	64	10 U3	UHS 104	50	80
128GB								
SDSDQAD	OEM	SDSDQAD-128G	-25°C+85°C	128	10 U1	UHS 50	50	80

Contact Information

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

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



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

SanDisk International
The Concourse Building | Airside Business Park
Swords | County Dublin | Ireland

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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.