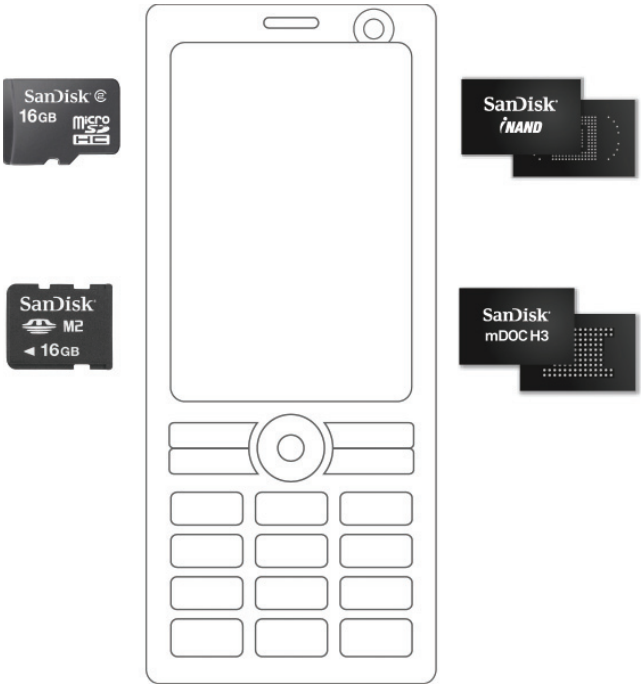
Mobile Storage Solutions

Design in More

Leading MLC NAND Flash
High Capacities
Standard Form Factors
High Performance



SanDisk® storage solutions are driving the mobile multimedia revolution. SanDisk industry-leading removable storage cards and Embedded Flash Drives (EFDs) deliver reliable, power-efficient and high performance mass storage in a variety of standard form factors. Manufactured with advanced multi-level cell (MLC) NAND flash designed specifically for mobile handsets, SanDisk products let mobile handset vendors design in more memory and functionality to differentiate their offerings.

SanDisk storage solutions. Just what mobile handset vendors need to make more of their designs.

Smart Memory for Mobile Handsets

Mobile storage requirements are growing year after year, fueling the multimedia craze. Mobile technologies and new multimedia capabilities are making mobile handsets come alive. With wideband wireless connectivity, they double as multimedia players with high-resolution cameras, music and video players, mobile TVs, gaming and navigation devices.

Design in More with SanDisk Removable Cards

SanDisk, the world's largest supplier of high capacity flash storage cards, offers mobile handset vendors a range of removable memory cards tailored for mobile devices to complement today's advanced, multimedia-rich handsets.

Choose from industry-leading microSD™, microSDHC™ and Memory Stick Micro M2™ form factors. SanDisk cards all utilize advanced, cost-effective MLC NAND flash technology and management to achieve high reliability and high performance. With SanDisk's new line of Mobile Ultra cards, performance is ultra high.

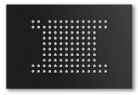
SanDisk®

Stacking capabilities allow for capacities as high as 16GB* in SanDisk microSDHC and Memory Stick Micro M2 cards. They enable handsets to become increasingly functional, sleek and flexible in design support.

Design in More with iNAND Embedded Flash Drives

The SanDisk family of field-proven high-capacity iNAND EFDs delivers high performance, reliability and low power consumption for multimedia handsets. Count on SanDisk advanced, MLC NAND flash technology for cost-effective data and code storage. An internal flash controller and embedded firmware, utilizing SanDisk system know-how, make iNAND more reliable and ease the transition to new flash technologies.

SanDisk flash management software is embedded inside SanDisk EFDs, enabling them to emulate a standard hard disk drive and serve as a boot device, while ensuring MLC NAND reliability. Robust flash error detection and correction, automated bad block management and advanced wear-leveling algorithms deliver device reliability, endurance and data retention.



The SanDisk family of iNAND EFDs comes in a range of capacities and configurations that support both the eSD and eMMC standard interfaces, including high-capacity, discrete MLC NAND flash and multi-chip package (MCP) configurations with low-power DRAM. They enable seamless migration to future designs, and scalable storage of up to 16GB.

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** 1 gigabyte (GB) = 1 billion bytes; 1 megabyte (MB) = 1 million bytes; speed based on internal testing; performance may be lower depending on host device. Some capacity not available for data storage.*

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