

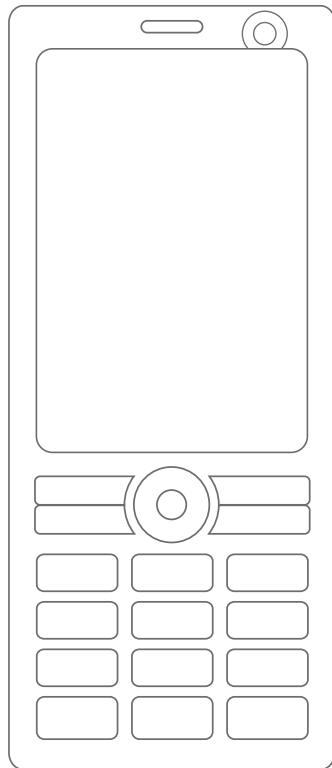
Memory Cards

Design in More

Standard Interface

High Capacity

High Performance



Multimedia handsets are alive with advanced features and applications such as high-resolution digital stills, high-quality music, video and TV, navigation, gaming and more. The more multimedia they offer, the more users demand high-capacity storage to enhance their multimedia experience.

SanDisk®, the world's largest supplier of high-capacity flash storage cards, offers mobile handset vendors a broad family of standard memory cards and capacities for mobile devices and today's multimedia-rich handsets.

Main Features and Benefits

More Compact, More Memory

The SanDisk family of high-capacity storage cards for mobile handsets includes the microSD™, microSDHC™, Memory Stick Micro M2™ and miniSDHC™.

With capacities of up to 12GB*, SanDisk removable memory cards meet the storage demands of increasingly compact and highly functional mobile phones.

More Reliable, Higher Performance

SanDisk mobile storage cards are designed with the mobile user in mind. Featuring a high level of read and write performance and low power consumption, SanDisk mobile cards are the best choice for fast-paced multimedia "on the go".

SanDisk high-capacity storage cards with SanDisk multi-level cell (MLC) NAND flash technology, flash controller and flash management software are reliable companions for any feature-rich multimedia handset. When bundled, they provide an "out of the box" multimedia experience to meet user's needs and expectations.

It's All about Content

TrustedFlash™-enabled cards provide a secure platform for sharing user content and applications on multiple handsets in the same operator network. TrustedFlash security technology can enforce content rights for a variety of different digital rights management (DRM) schemes. This is especially convenient when content is preloaded for distribution with the handset/card.

SanDisk®

SanDisk microSDHC™ Card



SanDisk microSD High Capacity (microSDHC) flash card brings the next generation of high-capacity storage to mobile handsets. Based on the leading, industry standard SD™ interface and the popular microSD form factor, these cards offer up to 12GB*, and high read and write performance rates of up to 50MHz.

SanDisk Memory Stick Micro M2™ Card



SanDisk Memory Stick Micro M2 card provides high-capacity storage for Sony Ericsson's feature rich handsets. Available in capacities of up to 8GB, SanDisk Memory Stick Micro M2 card offers high read and write rates of up to 60MHz. It is backwards compatible with all Memory Stick Micro M2 slotted mobile phones, as well as with all Memory Stick PRO Duo slotted devices when used with an adapter.

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SanDisk Card Family of Products

	microSD	microSDHC	Memory Stick Micro M2
Capacity	256MB-2GB	4GB-12GB	256MB-8GB
Interface	SD or SPI	SD or SPI	Memory Stick
NAND flash technology	MLC, SLC	SanDisk MLC	MLC, SLC
Maximum interface/ bus performance	25MHz	50 MHz (4-bit high speed)	60MHz
Operating voltages	3.3V	3.3V	1.8V or 3.3V
Power save mode	250uA (typ)	300uA (typ)	150uA (typ)
Active current	Read: 100mA Write: 100mA	Default: 100mA High speed: 200mA	Read: 50 mA (typ) Write: 60mA (typ)
Operating temperatures	-25°-85°C	-25°-85°C	-25°-85°C
Physical dimensions	Length: 11mm Width: 15mm Thickness: 0.95m	Length: 11mm Width: 15mm Thickness: 0.95mm	Length: 12.5mm Width: 15mm Thickness: 1.2mm

* 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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