



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 handsets 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™ and Memory Stick Micro M2™.

With capacities of up to 16GB, 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 microSDHC™ Card



SanDisk microSD High Capacity (microSDHC) 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 16GB, and high read and write performance rates.

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 16GB, SanDisk Memory Stick Micro M2 card offers high read and write rates. 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.

SanDisk Card Family of Products

	microSD	microSDHC	Memory Stick Micro M2	Mobile Ultra microSD	Mobile Ultra Memory Stick M2
Capacity	256MB-2GB	4GB-16GB	256MB-16GB	2GB-16GB	2GB-16GB
Interface	SD or SPI	SD or SPI	Memory Stick	SD or SPI	Memory Stick
NAND flash technology	MLC, SLC	SanDisk MLC	SanDisk MLC	SanDisk MLC	SanDisk MLC
Maximum interface/ bus performance	25MHz	50 MHz (4-bit high speed)	40MHz	50 MHz	40MHz
Operating voltages	3.3V	3.3V	1.8V or 3.3V	3.3V	1.8V or 3.3V
Active Current	100mA	100mA (200mA in High Speed)	100mA (65mA in 3.3V)	200mA	100mA (65mA in 3.3V)
Active current	Read: 100mA Write: 100mA	Default: 100mA High speed: 200mA	Read: 50 mA (typ) Write: 60mA (typ)	Default: 200mA High speed: 200mA	Read: 50mA (typ) Write: (60mA (typ)
Operating temperatures	-25°-85°C	-25°-85°C	-25°-85°C	-25°-85°C	-25°-85°C
Physical dimensions	Length: 11mm Width: 15mm Thickness: 0.95mm	Length: 11mm Width: 15mm Thickness: 0.95mm	Length: 12.5mm Width: 15mm Thickness: 1.2mm	Length: 11mm Width: 15mm Thickness: 0.95mm	Length: 12.5mm Width: 15.2mm 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.

SanDisk Mobile Ultra Cards

SanDisk's new line of Mobile Ultra™ memory cards now supports even faster data transfer speeds. It is designed for users who frequently transfer large media files between their PCs and multimedia phones, or use advanced platforms that accommodate high-



speed transfer rates. The SanDisk Mobile Ultra line helps them shorten the time they spend managing their music, videos, photos and games.



SanDisk Mobile Ultra memory cards are plug-n-play with pocket-sized, USB 2.0 compatible SanDisk MobileMate™

Micro card readers to make connecting to a PC a snap!

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.

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