









What Card Works Best with Your Device?

	Full SD	miniSD	microSD	SD Card Capacity
SD				up to 2GB
SDHC				High Capacity 4GB to 32GB
SDXC				Extended Capacity Over 32GB up to 2TB

Manufacturers produce thousands of memory cards and devices built to SD standards in a wide range of storage capacities, speeds and three different physical sizes: **SD**, **miniSD**, and **microSD**.

SD memory cards are generally used not only in personal computers, but also must digital devices such as video and digital cameras. The microSD and miniSD cards are commonly used in smaller electronic devices like mobile phones and tablet computers. Some manufacturers offer adapters allowing microSD cards to fit a traditional SD card slot. This gives you even greater versatility and flexibility to use the card in a mobile phone as well as a computer or video camera.

To determine the right card for your digital device, you should consult the device's user manual or search the manufacturer's website for information. The range of memory cards can be readily purchased in retail outlets around the world and from on-line stores.

Choosing the Best Card - What Memory Capacity Do I Need?

SD memory cards are manufactured in a range of memory sizes to suit different needs and budgets.

Products using the SDXC standard will have the greatest memory capacity and those cards using the Ultra High Speed (UHS) standards will have the fastest performance. The digital device's users' manual will help you select the memory card standards that are right for your device.

Generally you should consider the following:

- For cameras, consider the quality of the picture resolution of every photo.
- For your MP3 player, the bit-rate required for smooth playback.

The reference chart below shows the various storage capacity required by various activities and quality.

	2 GB	4 GB	8 GB	16 GB	32 GB
Movies (Hi-def movie recording MPEG-4. H.264)					
Fine mode (13Mbps/CBR)	20 min.	40 min.	80 min.	160 min.	320 min.
Normal mode (9Mbps/VBR)	30 min.	60 min.	120 min.	240 min.	480 min.
Economy mode (6Mbps/VBR)	45 min.	60 min.	180 min.	360 min.	720 min.
Photos					
10 Megapixels, 3648x2736, Fine mode	770 photos	1,540 photos	3,080 photos	6,160 photos	12,320 photos
Music					
ACC, MP3 HQ mode, 128Kbps	34 hr. 7 min.	68 hr. 14 min.	136 hr. 27 min.	272 hr. 54 min.	545 hr. 48 min.

* All numbers are approximate. Actual storage will depend on size of data and compression used.