

PNY's Memory Card Solutions

PNY has the memory for your digital camera, camcorder or mobile device to capture and store images, videos and music. Whether you're an amateur, enthusiast or professional, PNY's lineup includes Secure Digital™, CompactFlash, xD and MicroSD™ cards to meet your speed and capacity requirements.



Card Format	Secure Digital™	Secure Digital High Capacity		Compact Flash®	xD Picture Card™	MicroSD™	MicroSDHC
Product Family	PNY Premium	PNY Optima SDHC	PNY Optima Pro SDHC	PNY Optima Pro UDMA	Olympus xD-Picture Card™	PNY MicroSD	PNY MicroSDHC
Available Densities	2GB*	4GB*, 8GB*, 16GB*, 32GB*	4GB*, 8GB*, 16GB*	4GB*, 8GB*, 16GB*	2GB*	2GB*	4GB*, 8GB*
Speed/Class	Standard	Class 4	Class 6	Up to 300X (45 MB/s)	Type M	Standard	Class 6
Ideal For	Casual photographers who need a basic memory card, or a spare for their digital picture frame. A safe choice for users of older cameras that don't support SDHC.	Those who require a quality, reliable memory card that has a generous amount of storage and solid performance, for advanced point and shoot cameras and digital camcorders.	Those that require premium performance and storage to capture images and video using advanced point and shoot cameras, digital SLRs, and HD camcorders.	Designed for use in high-end digital SLRs to capture and store high-resolution images in modes where multiple frames per second are required.	Perfect for capturing images with your Olympus or Fuji digital camera.	Expand the storage in your mobile phone for basic photos and video capture, or managing a limited number of songs. A safe choice users of older phones that don't support MicroSDHC.	Get the most out of your cell phone and Blackberry®; and store more emails, images, videos and music.

How much can my Flash Card store?

Typical Number of Photos***, Songs****, or Videos

CAMERA TYPE	FILE SIZE	1GB	2GB	4GB	8GB	16GB	32GB
5 Megapixel	1.9MB	498	1010	2017	4038	8079	16062
8 Megapixel	3.2MB	296	600	1198	2398	4797	9537
10 Megapixel	3.8MB	249	505	1008	2019	4039	8031
12 Megapixel	4.6MB	206	417	833	1668	3337	6634

SONGS: 3.5MB/song	270	548	1095	2192	4386	8772
VIDEO: 704 x 460 pixels, 5Mbps, 30 fps	25 min	50 min	100 min	200 min	400 min	800 min
HD VIDEO: Standard HD at 9Mbps			60 min	120 min	240 min	480 min

* Please note: For Flash Media Devices, 1 megabyte = 1 million bytes; 1 gigabyte = 1 billion bytes. Actual usable capacity may vary. Some of the listed capacity is used for formatting and other functions, and thus is not available for data storage.

** 1X = 150KB/second

*** Number of photos may vary by camera setting and camera manufacturer.

**** Actual number of songs may vary based on file format, compression settings, and song length.

† Please verify that your device supports SDHC. SDHC cards are not compatible with standard SD host devices and card readers, and will only work on SDHC host devices. Check with your device manufacturer to see if the device supports SDHC.

Bigger and Faster is Better...

- High capacity allows you to store more photos, videos, music and more.
- High speed allows you to transfer files from your memory card to your computer faster.
- The higher the read/write speed the faster the click to click between each shot.



Choosing a Card is as Easy as...



- 1.** SDHC cards are perfect for your high mega pixel point-and-shoot digital camera, entry-level DSLR, or your digital camcorder.



- 2.** CompactFlash is the ultimate durable storage solution for photographers shooting with a professional DSLR.



- 3.** MicroSDHC is the perfect companion for your Blackberry® or cell phone or to capture more videos with your MicroSD-compatible camcorder.