

Photography Product Line

www.pny.com/photography



Optima™ Secure Digital™ (SD)

- Available in 1GB* & 2GB*
- 9MB/sec (60X**) minimum sustained read and write speed
- For digital cameras, MP3's, PDA's, Digital Picture Frames and other SD compatible devices
- Store more images, video, and music



Optima Pro™ Secure Digital™ High Capacity† (SDHC) Class 6

- Available in 4GB* & 8GB*, 16GB*, & 32GB*
- Class 6 (minimum 6MB/sec write speed) performance
- Designed for use in the most demanding digital camera and camcorder applications
- Functions with Class 2 & 4 Host Devices
- Record video and images, download music, and store photos



Optima Pro™ CompactFlash™

- Available in 2GB*, 4GB*, 8GB*, 16GB*, 32GB*
- Designed for use in high-end digital SLR cameras
- 20MB/sec (133X**) minimum sustained read and write speed



Optima Pro™ UDMA CompactFlash™

- Available in 2GB*, 4GB*, 8GB*, 16GB*, 32GB*
- Designed for use in high-end digital SLR cameras that support UDMA
- 40MB/sec (266X**) minimum sustained read and write speed



Optima Pro™ Secure Digital™

- Available in 2GB*
- Designed for use in high-end digital SLR cameras
- 20MB/sec (133X**) minimum sustained read and write speed



Optima™ Secure Digital™ High Capacity† (SDHC) Class 4

- Available in 4GB*, 8GB*, 16GB*, & 32GB*
- Class 4 (minimum 4MB/sec write speed) performance
- Ideal for the latest digital cameras and camcorders
- Functions with Class 2 Host Devices
- Record video and images, download music and store photos

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

Camera Type	File Size	1GB	2GB	4GB	8GB	16GB	32GB
5 Megapixel	1.9MB	498	987	1985	3996	7995	16062
8 Megapixel	3.2MB	296	586	1179	2373	4747	9537
10 Megapixel	3.8MB	249	493	993	1998	3997	8031
12 Megapixel	4.6MB	206	408	820	1650	3302	6634
Songs	3.5MB	270	536	1078	2169	4340	8719
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.



The flash memory choice of the National Geographic Emerging Explorers Program.

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