

Memory Card Capacities and Approximate Prices (as of August, 2008)

It's worth buying at least one high-capacity memory card when you purchase a new digital camera and many retail shops offer them to all customers. However, if you've neglected to take advantage of such offers and/or want to purchase additional cards for your camera, consider shopping online as postage costs are usually quite low due to the small size and light weight of most cards.

To help you make the best purchasing decisions, we've provided three tables; one giving the range of card prices we found in a search of stores and online re-sellers, another providing the approximate number of high-resolution JPEG image files you can record on the different card capacities for the most popular digital camera resolution ratings and the third giving and video clip capacities.

Note: these figures are averages and should be used as a guideline only as cameras can differ significantly in the degree to which they compress image files at the highest resolution setting. In most cases, more accurate figures can be found in the user manual supplied with individual cameras.

| Card type | 1 GB | 2 GB | 4 GB | 8 GB | 16GB | 32GB |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| CompactFlash (CF) | \$17-\$25 | \$19-\$65 | \$33-\$60 | \$50-\$84 | \$145-\$220 | n.a |
| High-Speed CF * | \$46-\$63 | \$29-\$80 | \$32-\$139 | \$77-\$269 | \$225-\$425 | \$234-\$499 |
| Secure Digital (SD) | \$10-\$18 | \$14-\$20 | \$23-\$55 | \$45-\$80 | \$89-\$179 | \$395-\$425 |
| High-Speed SD/SDHC * | \$16-\$35 | \$19-\$50 | \$28-\$99 | \$56-\$70 | \$100-\$249 | \$599-\$799 |
| MiniSD/Micro SD | \$9-\$40 | \$13-\$58 | \$24-\$56 | \$50-\$70 | n.a | n.a |
| Memory Stick Pro Duo * | \$15-\$40 | \$25-\$70 | \$39-\$120 | \$89-\$190 | n.a | n.a |
| Memory Stick Micro | \$13-\$59 | \$19-\$35 | \$31-\$60 | \$70-\$130 | n.a | n.a |
| xD Picture Card | \$22-\$45 | \$37-\$55 | n.a. | n.a. | n.a | n.a |

* average prices vary according to speed rating with the fastest cards having the highest costs. 'n.a.' indicates that this capacity was not currently available for this type of card when we went to press. This situation may change as card capacities increase.

How Many JPEG Pictures Can You Store?

| Camera Type: | 1GB | 2GB | 4GB | 8GB | 16GB |
|----------------------|-----|-----|------|------|------|
| 6 Megapixel Camera | 320 | 640 | 1280 | 2560 | 5120 |
| 7.1 Megapixel Camera | 290 | 582 | 1164 | 2328 | 4656 |
| 8 Megapixel Camera | 256 | 512 | 1024 | 2048 | 4096 |
| 10-megapixel Camera | 205 | 410 | 821 | 1624 | 3284 |
| 12-megapixel Camera | 160 | 320 | 640 | 1280 | 2560 |
| 15-megapixel Camera | 136 | 272 | 545 | 1090 | 2181 |

Note: The above figures represent JPEG images recorded at the highest resolution and quality with average compression levels. Card capacities will be higher when lower resolution/quality settings are used.

How Many Minutes of Video Can You Store?

| | Resolution (pixels) | Bit Rate | 4GB | 8GB | 16GB |
|-----------------------|---------------------|----------|---------------|---------------|----------------|
| AVCHD HD Super | 1920 x 1080 | 17 Mbps | 30 min. | 1 hr. | 2 hrs. |
| AVCHD Extended | 1440 x 1080 | 6 Mbps | 1 hr. 30 min. | 3 hrs. | 6 hrs. |
| XP MPEG 2 | 720x480 | 9 Mbps | 50 min. | 1 hr. 50 min. | 3 hrs. 40 min. |

Note: The above figures should be seen as guidelines only and can vary with different host devices and recorded content. (Megabits per second [Mbps] represents a data