Tech Info Library

Ofoto: Color OneScanner File Size 1/93

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TOPIC ---

How large is a 1200dpi, 24-bit, 5x7 image created using the Apple Color
OneScanner, using the Ofoto software?   Also, how much RAM is necessary to
process it using the Ofoto software?

DISCUSSION --

The quick answer is VERY large. There's no way to tell exactly what the
size would be; however, we can estimate approximately 200 to 400 Megabytes.
Also, since Ofoto uses temporary files on disk, at least that much
additional disk space needs to be free. To be safe, there should be at
least 1 gigabyte of free disk space (prior to the scan) at Ofoto's disposal
to scan an image at this size and resolution. Once this is scanned and
taken to an application like PhotoShop, there should be approximately .5
gigabyte of disk space available for PhotoShop temporary files. Based on a
no-compression scan, this is comparable to file sizes on any computer
system doing the same job.

Ofoto could do this scan in its default RAM partition; however, the speed
would be unacceptably slow. We recommend 8MB installed, at the very
minimum, giving Ofoto as much as possible. Even with this much RAM, a
scan of this nature will take a fair amount of time. For more acceptable
scanning speeds, increase the amount of RAM available to Ofoto to the
greatest possible.

Using QuickTime's JPEG (or other type) compression will reduce the final
file size according to the amount of compression applied. However,
during the scanning process, use the above numbers as a rough guideline.

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