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Macintosh 630 Family: Video Frame Capture Rate (12/94)

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TOPIC -----

What is the frame capture rate for the Macintosh 630 family computer that has the Apple TV/Video system installed?

DISCUSSION -----

There is no official frame rate specification. Frame rates provided below are not official specifications, but results we got when we tested a Quadra 630.

When recording, the Apple Video Player uses the best possible frame rate. This rate can be affected by several different factors, including the version of QuickTime used, third-party system extensions, and the monitor's bit-depth settings.

In our testing, we found the highest frame rates when using the following setup:

- Quadra 630 (we were unable to test an LC or Performa 630-series)
- QuickTime 1.6.2 (this version is installed by the Apple TV/Video System)
- no third-party extensions
- monitor set to "Thousands" of colors at the 640x480 resolution.

We found that performance levels vary greatly. But, as a guideline, you can expect to get up to approximately 16 frames per second (fps) when recording a 160x120 pixel window, about 8 fps for a 320x240 window, and about 2.5 fps for a 640x480 window.

The following computers are in the Macintosh 630 family: Performa 630, Performa 635, Performa 636, Performa 637, Performa 638, LC 630, and Quadra 630.

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