

KiPro Storage Chart

Suggestions for recording times

KiPro Storage Calculations

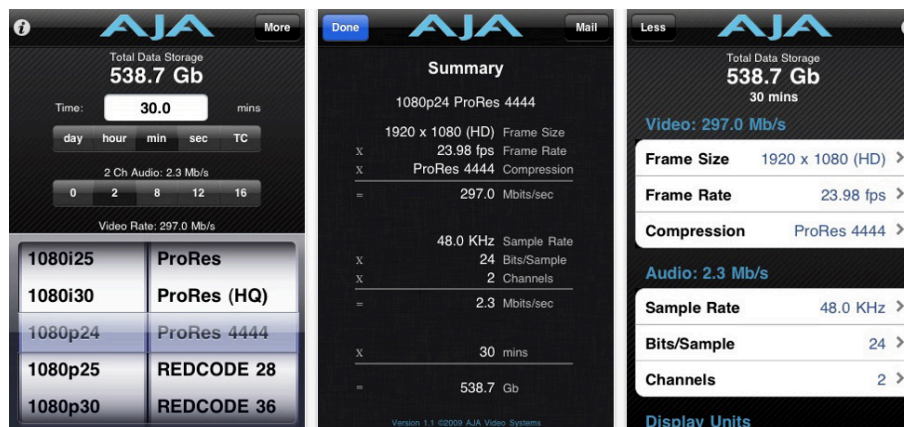
Storage for KiPro is available in a variety of formats including the HD spinning disc KiPro Storage modules*, the SSD KiPro Storage modules ** and Expresscard34 memory modules.

Some of these options are available currently and some will be enabled shortly.

When it comes to expected storage space for captured media files to any one of the ProRes formats, the amount of storage available is a shifting target as the user may use any combination of raster sizes, frame rates or compression choices and all of these can be mixed to the same storage module.

Therefore the charts you will see below are nothing more than suggestions of expected capture times based upon particular rates, raster sizes and codec choices in the case of uniform capturing to a storage module with 2 channels of audio and are therefore meant as nothing more than rough guidelines for sales conversations.

For more detailed storage calculation use, AJA suggests utilizing either the desktop AJA Data Rate Calculator Application to be found at <http://www.aja.com/support/kona/kona-3-3x.php> or the AJA DATACALC application available at the iTunes Application store: <http://itunes.apple.com/us/app/aja-datacalc/id343454572?mt=8>



Because it matters.

AJA[®]
VIDEO SYSTEMS

1080p @ 24fps

Codec	250 GB HD Drive	128 GB SSD Drive
Apple ProRes 422 (HQ)	2 1/4 Hours	1 1/4 Hours
Apple ProRes 422	3 1/2 Hours	1 3/4 Hours
Apple ProRes 422 (LT)	5 1/4 Hours	2 1/2 Hours
Apple ProRes 422 (Proxy)	11 1/2 Hours	5 3/4 Hours

1080i @ 30fps

Codec	250 GB HD Drive	128 GB SSD Drive
Apple ProRes 422 (HQ)	2 Hours	1 Hour
Apple ProRes 422	2 3/4 Hours	1 1/2 Hours
Apple ProRes 422 (LT)	4 1/4 Hours	2 Hours
Apple ProRes 422 (Proxy)	9 Hours	4 1/2 Hours

720p @ 60fps

Codec	250 GB HD Drive	128 GB SSD Drive
Apple ProRes 422 (HQ)	2 Hours	1 Hour
Apple ProRes 422	2 3/4 Hours	1 1/2 Hours
Apple ProRes 422 (LT)	4 1/4 Hours	2 Hours
Apple ProRes 422 (Proxy)	9 1/4 Hours	4 3/4 Hours

For all calculations AJA DataCalc v7.1 was used with audio set to 48kHz, 24 bit, 2 channels

Because it matters.



NTSC

Codec	250 GB HD Drive	128 GB SSD Drive
Apple ProRes 422 (HQ)	6 3/4 Hours	3 1/4 Hours
Apple ProRes 422	10 Hours	5 Hours
Apple ProRes 422 (LT)	14 Hours	7 Hours
Apple ProRes 422 (Proxy)	29 1/2 Hours	14 1/2 Hours

PAL

Codec	250 GB HD Drive	128 GB SSD Drive
Apple ProRes 422 (HQ)	8 Hours	4 Hours
Apple ProRes 422	12 Hours	6 Hours
Apple ProRes 422 (LT)	16 1/2 Hours	8 1/4 Hours
Apple ProRes 422 (Proxy)	34 Hours	17 Hours

1080p @ 25fps

Codec	250 GB HD Drive	128 GB SSD Drive
Apple ProRes 422 (HQ)	2 1/4 Hours	1 Hour
Apple ProRes 422	3 1/2 Hours	1 3/4 Hours
Apple ProRes 422 (LT)	5 Hours	2 1/2 Hours
Apple ProRes 422 (Proxy)	11 Hours	5 1/2 Hours

For all calculations AJA DataCalc v7.1 was used with audio set to 48kHz, 24 bit, 2 channels

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720p @ 50fps

Codec	250 GB HD Drive	128 GB SSD Drive
Apple ProRes 422 (HQ)	2 1/4 Hours	1 Hour
Apple ProRes 422	3 1/2 Hours	1 3/4 Hours
Apple ProRes 422 (LT)	5 Hours	2 1/2 Hours
Apple ProRes 422 (Proxy)	11 Hours	5 1/2 Hours

For all calculations AJA DataCalc v7.1 was used with audio set to 48kHz, 24 bit, 2 channels

**The 250 GB HD has 224.75GB useful available capacity for recordings after formatting and 10% Media Full cut-off.*

***The 128 SSD has 114.92 GB useful available capacity for recordings after formatting and 10% Media Full cut-off.*

Because it matters.

