

Storage Guidelines

Below are examples of storage performance requirements for standard formats, when working with fully uncompressed material with Autodesk® Smoke® 2012 for Mac OS® X software.

	Width	Height	FPS	Bit Depth	Latency (ms)	MB/frame	MB/s
SD - CCIR601-525 10-bit (NTSC)	720	486	30	10	33.33	1.33	40.05
SD - CCIR601-625 10-bit (PAL)	720	576	25	10	40.00	1.58	39.55
HD - 720 60p 10-bit	1280	720	60	10	16.67	3.52	210.94
HD - 1080 50i 10bit	1920	1080	25	10	40.00	7.91	197.75
HD - 1080 5994i 10-bit	1920	1080	30	10	33.33	7.91	237.30
HD - 1080 60p 10-bit	1920	1080	60	10	16.67	7.91	474.61
Film - 2K 10-bit	2048	1556	24	10	41.67	12.16	291.75
Film - 2k 12-bit unpacked 16-bit	2048	1556	24	16	41.67	18.23	437.63

Before configuring your storage contact your storage provider to make sure your storage can fulfill the requirements for your frame format.

Recommended File System

For optimal performance, Autodesk recommends using the default Mac OS Extended Journaled (HFS+) filesystem for your system drive, and your media storage volume (framestore).

Consult your Mac OS X documentation for information on formatting your drives to the recommended filesystems.