

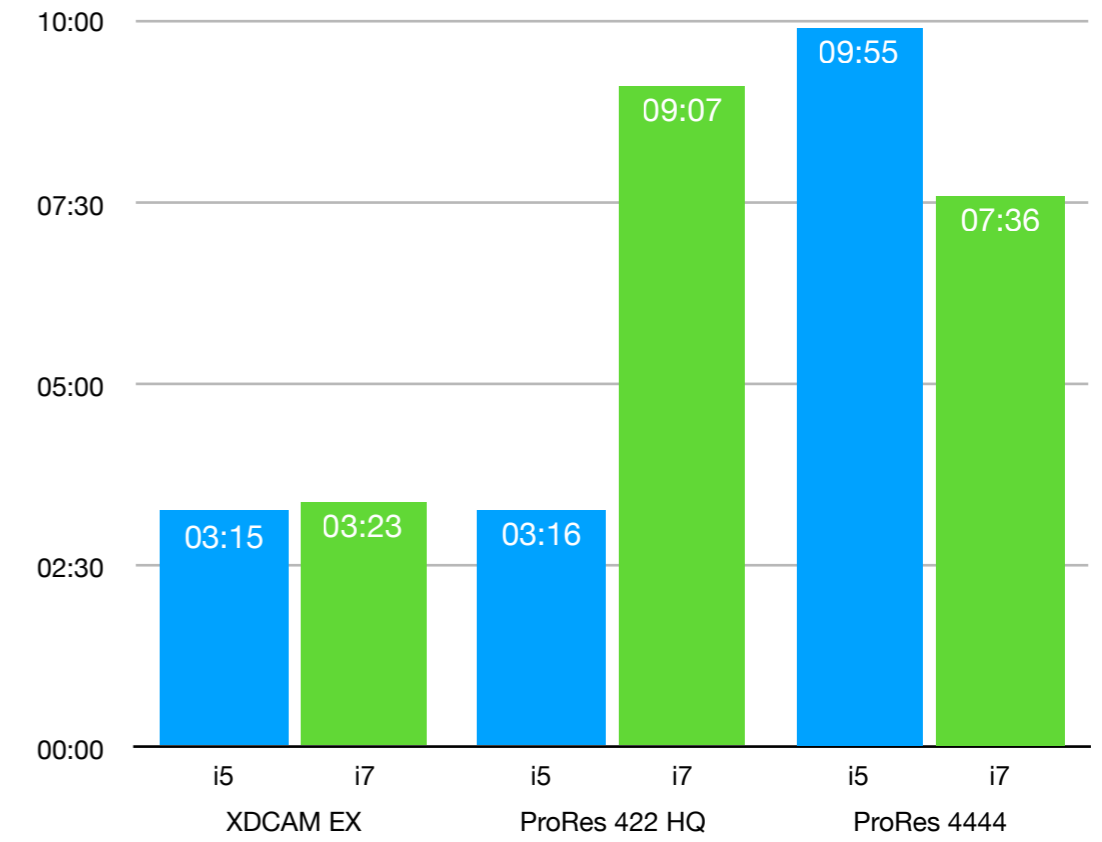
Comparing i5 vs. i7 Compression Speeds

Source File Type	Source File Specs			Compressor 4.4.4						Compressor 4.4.5					
	Frame size	Duration	File Name	i5			i7			i5			i7		
				H.264	HEVC 8-bit	HEVC 10-bit	H.264	HEVC 8-bit	HEVC 10-bit	H.264	HEVC 8-bit	HEVC 10-bit	H.264	HEVC 8-bit	HEVC 10-bit
XDCAM EX	1280 x 720	08:58	2RG ep10	03:15	05:59	1:09:33	03:23	02:07	1:43:17	05:12	06:14	1:07:31	04:17	01:58	1:44:49
ProRes 422 HQ	1920 x 1080	04:45	Tour	03:16	02:54	35:48	09:07	04:28	54:21	02:44	03:01	34:00	08:04	03:49	54:24
ProRes 4444	1280 x 720	37:35	Craft 01	09:55	10:06	Failed	07:36	04:48	Failed	13:20	11:11	Failed	13:49	06:06	Failed
NOTES	On the i7, a new user account was created, no other apps were running														
	i7 computer was a Mac mini with 8 GB of RAM														
	Compressor 4.4.4 compressed on Mojave 10.14.5														
	Compressor 4.4.5 used Mojave 10.14.6 (minimum req.)														
	Timing reported by Compressor														
	Files stored on internal SSD/Fusion drive														
	All data files were identical across all 18 tests														
	Compressing the ProRes 4444 clip occurred after 2 1/2 hours of compression														
	According to Activity Monitor, compression only require 6 GB of RAM														
	Compressed file sizes were ±2.5% between the i5 and i7														
	All videos were compressed to 1280 x 720														

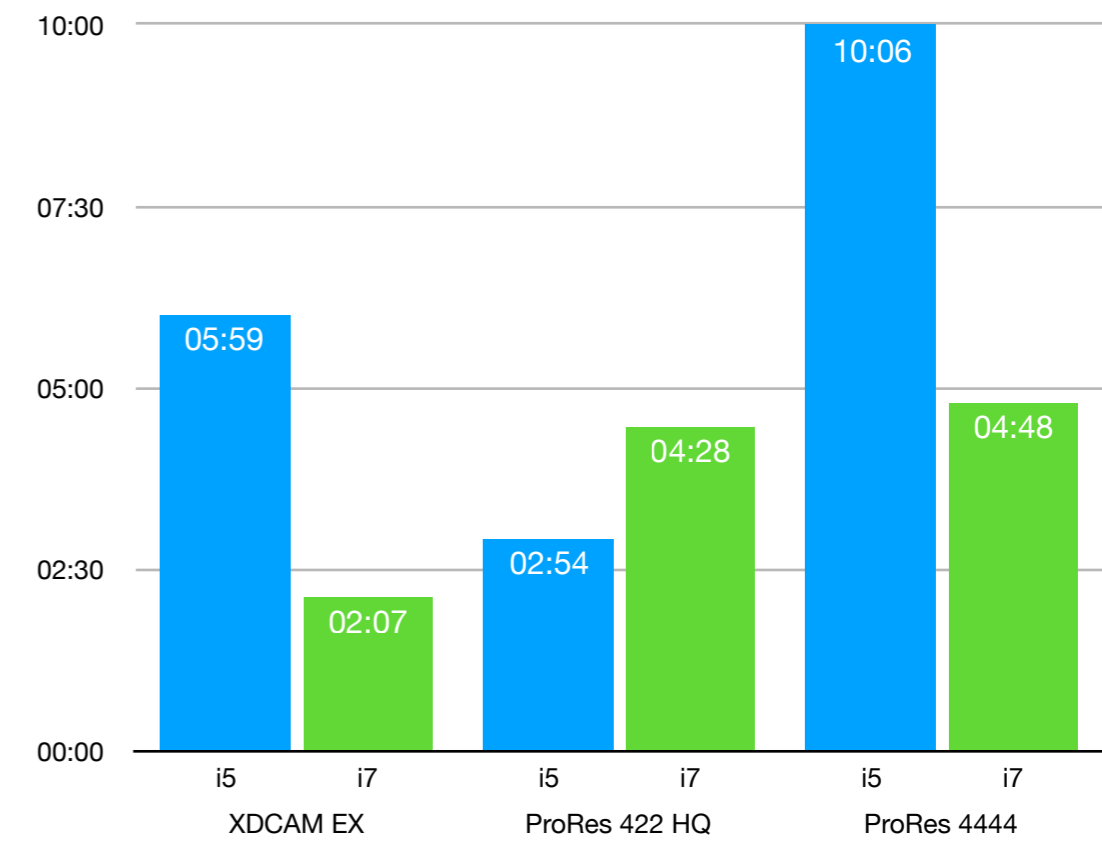
Compressor 4.4.4 CPU Speed Comparison

	i5	i7	i5	i7	i5	i7
	<i>H.264</i>	<i>H.264</i>	<i>HEVC 8-bit</i>	<i>HEVC 8-bit</i>	<i>HEVC 10-bit</i>	<i>HEVC 10-bit</i>
XDCAM EX	03:15	03:23	05:59	02:07	1:09:33	1:43:17
ProRes 422 HQ	03:16	09:07	02:54	04:28	35:48	54:21
ProRes 4444	09:55	07:36	10:06	04:48	Failed	Failed

Apple Compressor 4.4.4 CPU Speed Comparison - H.264



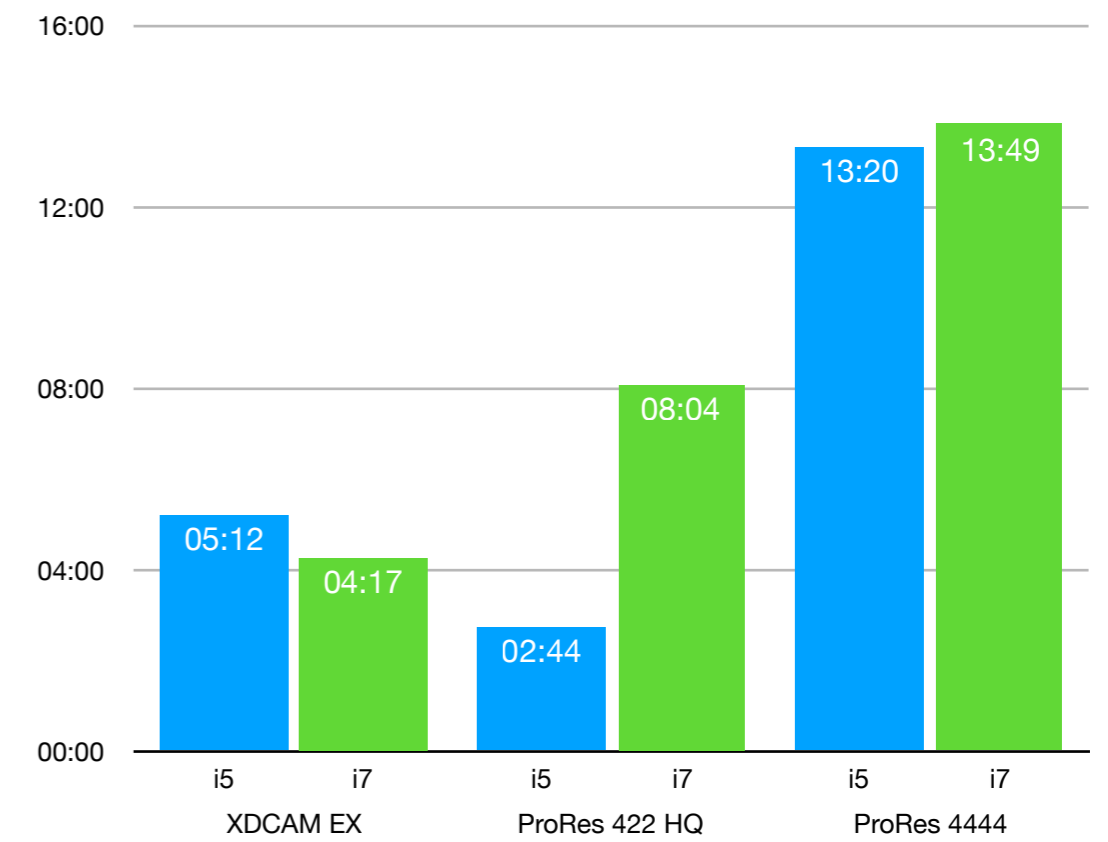
Apple Compressor 4.4.4 CPU Speed Comparison - HEVC 8-bit



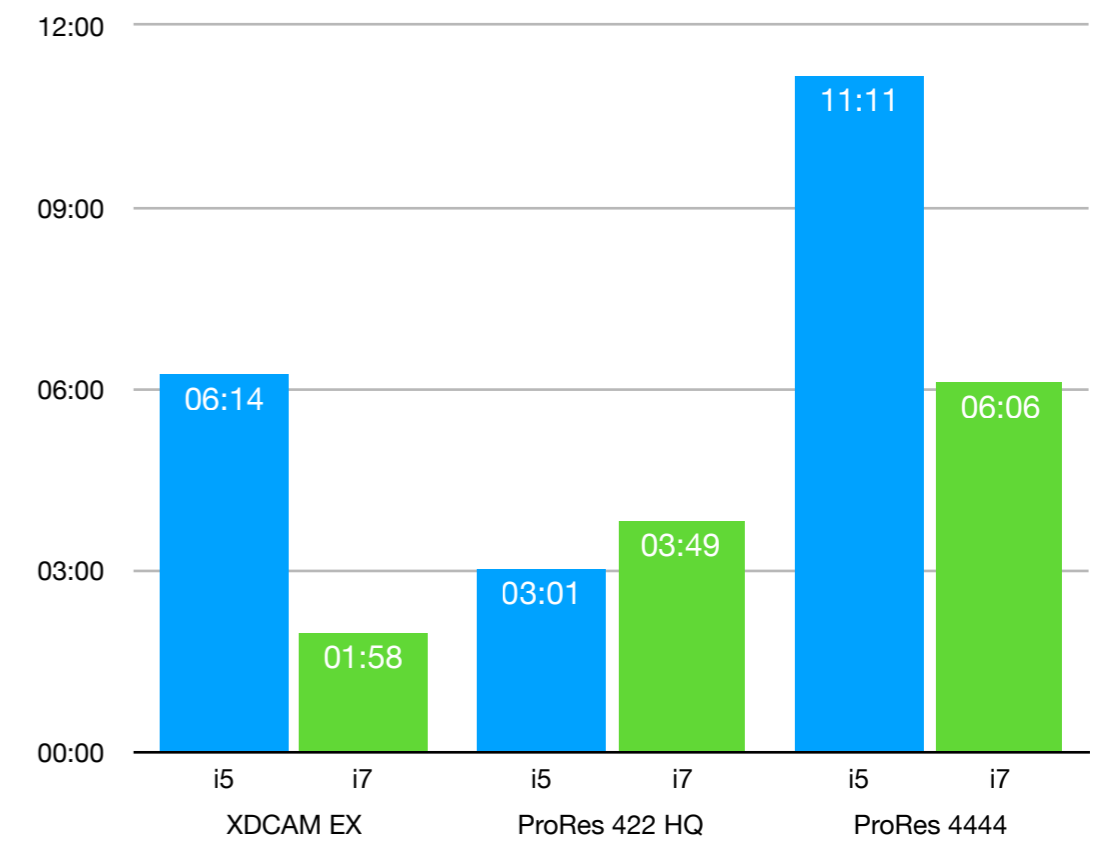
Compressor 4.4.5 CPU Speed Comparison - i5 vs. i7

	i5	i7	i5	i7	i5	i7
Source File Type	<i>H.264</i>	<i>H.264</i>	<i>HEVC 8-bit</i>	<i>HEVC 8-bit</i>	<i>HEVC 10-bit</i>	<i>HEVC 10-bit</i>
XDCAM EX	05:12	04:17	06:14	01:58	1:07:31	1:44:49
ProRes 422 HQ	02:44	08:04	03:01	03:49	34:00	54:24
ProRes 4444	13:20	13:49	11:11	06:06	Failed	Failed

Apple Compressor 4.4.5 CPU Speed Comparison - H.264



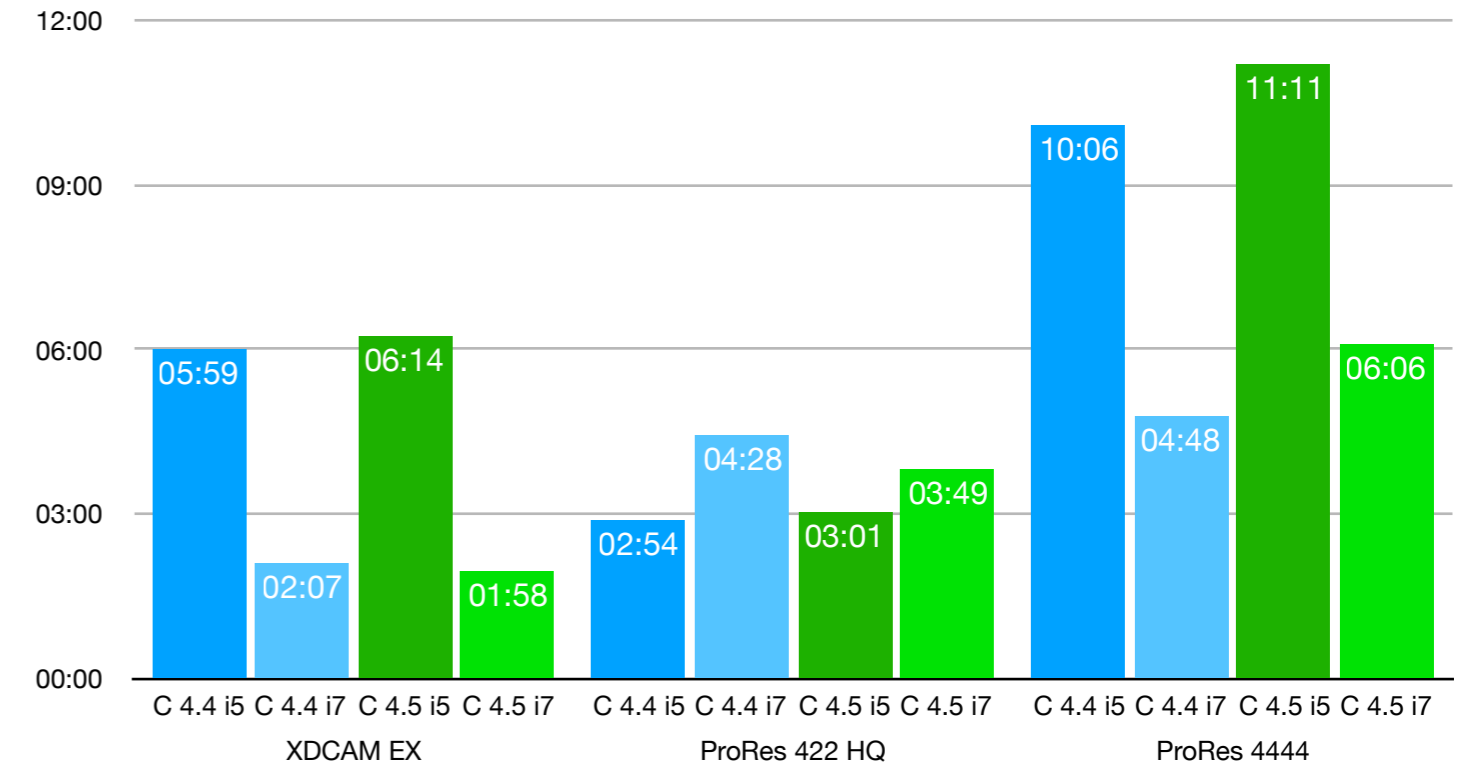
Apple Compressor 4.4.5 CPU Speed Comparison - HEVC 8-bit



C 4.5

	<i>H.264</i>	<i>H.264</i>	<i>H.264</i>	<i>H.264</i>	<i>HEVC 8-bit</i>	<i>HEVC 8-bit</i>	<i>HEVC 8-bit</i>	<i>HEVC 8-bit</i>
	C 4.4	C 4.4	C 4.5	C 4.5	C 4.4	C 4.4	C 4.5	C 4.5
Source File Type	i5	i7	i5	i7	i5	i7	i5	i7
XDCAM EX	03:15	03:23	05:12	04:17	05:59	02:07	06:14	01:58
ProRes 422 HQ	03:16	09:07	02:44	08:04	02:54	04:28	03:01	03:49
ProRes 4444	09:55	07:36	13:20	13:49	10:06	04:48	11:11	06:06
	C 4.4 = Compressor 4.4.4							
	C 4.5 = Compressor 4.4.5							

i5 vs. i7 Compression Speed Test - HEVC 8-bit



i5 vs i7 Compression Speed Test - H-264

