

Appendix

Target Data Rates

Dimensions	Frame Rate	ProRes 422 (Proxy)		ProRes 422 (LT)		ProRes 422		ProRes 422 (HQ)		ProRes 4444 (excl. alpha)	
		Mb/s	GB/hr	Mb/s	GB/hr	Mb/s	GB/hr	Mb/s	GB/hr	Mb/s	GB/hr
720 x 480	24p	10	4	23	10	34	15	50	23	75	34
	60i, 30p	12	5	29	13	42	19	63	28	94	42
720 x 486	24p	10	4	23	10	34	15	50	23	75	34
	60i, 30p	12	5	29	13	42	19	63	28	94	42
720 x 576	50i, 25p	12	6	28	13	41	18	61	28	92	41
960 x 720	24p	15	7	35	16	50	23	75	34	113	51
	25p	16	7	36	16	52	24	79	35	118	53
	30p	19	9	44	20	63	28	94	42	141	64
	50p	32	14	73	33	105	47	157	71	236	106
	60p	38	17	87	39	126	57	189	85	283	127
1280 x 720	24p	18	8	41	18	59	26	88	40	132	59
	25p	19	9	42	19	61	28	92	41	138	62
	30p	23	10	51	23	73	33	110	49	165	74
	50p	38	17	84	38	122	55	184	83	275	124
	60p	45	20	101	46	147	66	220	99	330	148
1280 x 1080	24p	31	14	70	31	101	45	151	68	226	102
	60i, 30p	38	17	87	39	126	57	189	85	283	127
1440 x 1080	24p	31	14	70	31	101	45	151	68	226	102
	50i, 25p	32	14	73	33	105	47	157	71	236	106
	60i, 30p	38	17	87	39	126	57	189	85	283	127
1920 x 1080	24p	36	16	82	37	117	53	176	79	264	119
	50i, 25p	38	17	85	38	122	55	184	83	275	124
	60i, 30p	45	20	102	46	147	66	220	99	330	148
	50p	76	34	170	77	245	110	367	165	551	248
	60p	91	41	204	92	293	132	440	198	660	297

Target Data Rates (continued)

Dimensions	Frame Rate	ProRes 422 (Proxy)	ProRes 422 (LT)	ProRes 422	ProRes 422 (HQ)	ProRes 4444 (excl. alpha)
		Mb/s GB/hr	Mb/s GB/hr	Mb/s GB/hr	Mb/s GB/hr	Mb/s GB/hr
2048 x 1024	24p	41 19	93 42	134 60	201 91	302 136
	25p	43 19	97 44	140 63	210 94	315 142
	30p	52 23	116 52	168 75	251 113	377 170
	50p	86 39	194 87	280 126	419 189	629 283
	60p	103 46	232 104	335 151	503 226	754 339
2048 x 1080 [†]	24p	41 19	93 42	134 60	201 91	302 136
2048 x 1152	24p	41 19	93 42	134 60	201 91	302 136
	25p	43 19	97 44	140 63	210 94	315 142
	30p	52 23	116 52	168 75	251 113	377 170
	50p	86 39	194 87	280 126	419 189	629 283
	60p	103 46	232 104	335 151	503 226	754 339
2048 x 1556 [†]	24p	63 28	142 64	203 91	306 138	458 206

[†]As of the time of publication, the 2048 x 1080 and 2048 x 1556 frame sizes are enabled for real-time effects in Final Cut Pro for Apple ProRes 4444 only.