

STREAMING/CODEC TABLE

		HDD					SSD		NVME	
Stream	Models	12 HDD	16 HDD	24 HDD	36 HDD	60 HDD	8 SSD	24 SSD	10 NVME	24 NVME
DNxHR HQX UHD 50p 1,46 Gb/s (182 Mo/s)		2	2	4	6	11	17	51	18	118
DNxHD 220 220 Mb/s (28 Mo/s)		14	18	28	40	64	111	333	535	1284
DNxHD 185 185 Mb/s (24 Mo/s)		18	18	30	44	70	130	390	625	1500
DNxHD 120 120 Mb/s (16 Mo/s)		20	26	40	60	100	195	585	937	2248
DNxHD 36 36 Mb/s (4 Mo/s)		60	80	120	180	280	780	2 340	3 750	9 000
ProRes HQ 4/2/2 UHD 50p 1,65 Gb/s (206 Mo/s)		2	2	4	6	11	15	46	69	166
ProRes 4/4/4/4 330 HD 330 Mb/s (42 Mo/s)		10	13	20	30	48	74	222	357	856
ProRes HQ 4/2/2 220 HD 220 Mb/s (28 Mo/s)		13	18	28	40	64	111	334	535	1 284
ProRes PROXY 4/2/2 36 HD 36 Mb/s (4 Mo/s)		60	80	120	180	280	780	2340	3750	9000
XAVC 4K 50p 500 Mb/s (62 Mo/s)		7	10	15	22	37	51	154	230	553
5K, R3D 2:1 24p 1,15 Gb/s (144 Mo/s)		3	4	6	9	15	20	65	98	236
4K, R3D 3:1 24p 780 Mb/s (97 Mo/s)		4	6	9	14	24	32	98	147	353
4K, R3D 9:1 24p 260 Mb/s (32 Mo/s)		14	18	28	40	64	100	300	446	1072
ARRIRAW 4,6K 3:2 24p 4,46 Gb/s (557 Mo/s)		1	1	2	3	5	5	17	25	61
ARRIRAW 4K 16:9 24p 2,89 Gb/s (361 Mo/s)		1	2	3	4	7	8	26	39	95
4K DPX 4056x3112 16 bit 24p 10,4 Gb/s (1,3 Go/s)		-	1	1	2	2	2	6	11	26
4K UHD 3840x2160 16 bit 25p 6,72 Gb/s (840 Mo/s)		-	1	2	3	4	3	9	17	40
HD 8 bit 1080i50 uncompressed 744 Mb/s (93 Mo/s)		3	4	8	11	18	33	99	161	386
P2 AVC intra 100 96 Mb/s (12 Mo/s)		22	30	46	92	106	260	780	1 250	3 000
P2 AVC intra 50 48 Mb/s (6 Mo/s)		24	46	69	102	158	520	1560	2500	6000
XDCAM HD 50 50 Mb/s (6Mo/s)		34	46	69	102	158	520	1560	2 500	6 000
MPEG-2 8 Mb/s (1 Mo/s)		138	184	276	414	632	3120	9360	15000	36000
Audio tracks (WAV) 100 pistes 24 bit / 48 Khz		345	460	690	1 035	1 610	19 000	57 000	90 000	216 000

Note: A video editing workstation typically uses at least 2 video streams.

The table above indicates actual values measured in real-world deployments using infrastructures specifically designed for collaborative work.

These values have nothing in common with the marketing-oriented figures typically provided by hard drive manufacturers and some of our competitors.