

PIXERA MEDIA SERVER PERFORMANCE CHARTS

PIXERA four

This overview shows the maximum number of content streams per codec, that can be played back at the same time.

FHD@60fps	Codec	Content Data Rate	Y68	
			2 SSD	4 SSD
	Videoformats	HAP	234 MB/s	51
HAPQ		472 MB/s	36	36
NotchLC		486 MB/s	31	31
H264		11.3 MB/s	26	26
H265		5.55 MB/s	19	19
Image Sequences	TIFF 8 Bit	1.45 GB/s	26	36
	PNG 8 Bit	576 MB/s	11	11
	DPX 10 Bit	1.95 GB/s	13	13
	DDS 8 Bit	243 MB/s	45	49

UHD@60fps	Codec	Content Data Rate	Y68	
			2 SSD	4 SSD
	Videoformats	HAP	234 MB/s	16
HAPQ		472 MB/s	7	7
NotchLC		486 MB/s	7	7
H264		11.3 MB/s	10	10
H265		5.55 MB/s	6	6
Image Sequences	TIFF 8 Bit	1.45 GB/s	6	7
	PNG 8 Bit	576 MB/s	3	3
	DPX 10 Bit	1.95 GB/s	5	6
	DDS 8 Bit	243 MB/s	26	32

All videos had a frame rate of 60 fps, four framelocked outputs with 3840x2160px @60Hz were used for this test.
 One UHD GUI-Monitor was used. Pixera workspace rendering was set to thumbnail.
 Please note that the kind of content used may influence the performance of individual video codecs. The test results are approximate values.
 Performance results will differ when using VIOSO or FRAMEBLENDING.

