

# PIXERA MEDIA SERVER PERFORMANCE CHARTS

## PIXERA one Gen. 2

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

	Codec	Content Data Rate	X14	X24	
			1 SSD	1 SSD	
FHD@60fps	Videoformats	HAP	477 Mbit/s	18	45
		HAPQ	984 Mbit/s	11	30
		NotchLC	1170 Mbit/s	16	20
		H264	42.4 Mbit/s	4	15
		H265	19 Mbit/s	4	13
	Image Sequences	TIFF 8 Bit	2917 Mbit/s	11	13
		PNG 8 Bit	1392 Mbit/s	1	4
		DPX 10 Bit	3892 Mbit/s	9	10
		DDS 8 Bit	487 Mbit/s	19	30

	Codec	Content Data Rate	X14	X24	
			1 SSD	1 SSD	
UHD@60fps	Videoformats	HAP	1871 Mbit/s	12	16
		HAPQ	3775 Mbit/s	6	7
		NotchLC	3980 Mbit/s	6	7
		H264	90.4 Mbit/s	2	6
		H265	44.4 Mbit/s	1	3
	Image Sequences	TIFF 8 Bit	11664 Mbit/s	3	3
		PNG 8 Bit	4608 Mbit/s	0	1
		DPX 10 Bit	15556 Mbit/s	2	2
		DDS 8 Bit	1945 Mbit/s	15	20

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 disabled.  
 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.



# PIXERA MEDIA SERVER PERFORMANCE CHARTS

## PIXERA one Gen. 2 ADA

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

	Codec	Content Data Rate	X14	X24	
			1 SSD	1 SSD	
FHD@60fps	Videoformats	HAP	477 Mbit/s	35	45
		HAPQ	984 Mbit/s	15	30
		NotchLC	1170 Mbit/s	18	20
		H264	42.4 Mbit/s	5	15
		H265	19 Mbit/s	4	13
	Image Sequences	TIFF 8 Bit	2917 Mbit/s	11	13
		PNG 8 Bit	1392 Mbit/s	1	4
		DPX 10 Bit	3892 Mbit/s	9	10
		DDS 8 Bit	487 Mbit/s	25	35

	Codec	Content Data Rate	X14	X24	
			1 SSD	1 SSD	
UHD@60fps	Videoformats	HAP	1871 Mbit/s	13	16
		HAPQ	3775 Mbit/s	8	8
		NotchLC	3980 Mbit/s	8	9
		H264	90.4 Mbit/s	2	6
		H265	44.4 Mbit/s	1	3
	Image Sequences	TIFF 8 Bit	11664 Mbit/s	3	3
		PNG 8 Bit	4608 Mbit/s	0	1
		DPX 10 Bit	15556 Mbit/s	2	2
		DDS 8 Bit	1945 Mbit/s	17	20

All videos had a frame rate of 60 fps, four framelocked outputs with 3840x2160px @60Hz were used for this test.  
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 Please note that the kind of content used may influence the performance of individual video codecs. The test results are approximate values.  
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