PIXERA MEDIA SERVER PERFORMANCE CHARTS

PIXERA zero Performance

this overview shows the maximum number of content streams per codec, that can be played back at the same time with four outputs 1920x1080 @60Hz.

Codec		Content Data Rate	RA1		R2ADA
			Standard	U1T9-1	U1T9-1
FHD@60fps	HAP	477 Mbit/s	15	15	25
	HAPQ	984 Mbit/s	10	10	16
	NotchLC	1170 Mbit/s	11	15	18
	H264	42.4 Mbit/s	5	5	5
	H265	19 Mbit/s	4	4	4
UHD@60fps	HAP	1871 Mbit/s	6	10	12
	HAPQ	3775 Mbit/s	3	5	5
	NotchLC	3980 Mbit/s	3	4	6
	H264	90.4 Mbit/s	3	3	3
	H265	44.4 Mbit/s	1	1	1

All videos had a frame rate of 60 fps four outputs with 1920x1080px @60Hz were used for this test.
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

PIXERA zero Performance

this overview shows the maximum number of content streams per codec, that can be played back at the same time with two outputs 3840x2160 @60Hz.

Codec		Content Data Rate	RA1		R2ADA
			Standard	U1T9-1	U1T9-1
FHD@60fps	HAP	477 Mbit/s	15	15	25
	HAPQ	984 Mbit/s	10	10	16
	NotchLC	1170 Mbit/s	11	15	18
	H264	42.4 Mbit/s	5	5	5
	H265	19 Mbit/s	4	4	4
UHD@60fps	HAP	1871 Mbit/s	6	7	10
	HAPQ	3775 Mbit/s	3	5	5
	NotchLC	3980 Mbit/s	3	3	6
	H264	90.4 Mbit/s	3	3	3
	H265	44.4 Mbit/s	1	1	1

All videos had a frame rate of 60 fps two outputs with 3840x2160px @60Hz were used for this test.
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 zero Performance

this overview shows the maximum number of content streams per codec, that can be played back at the same time with four outputs 3840x2160 @60Hz.

	Codec	Content Data Rate	R2ADA
			U1T9-1
FHD@60fps	HAP	477 Mbit/s	8
	HAPQ	984 Mbit/s	7
	NotchLC	1170 Mbit/s	5
	H264	42.4 Mbit/s	5
	H265	19 Mbit/s	3
UHD@60fps	HAP	1871 Mbit/s	3
	HAPQ	3775 Mbit/s	3
	NotchLC	3980 Mbit/s	2
	H264	90.4 Mbit/s	3
	H265	44.4 Mbit/s	1

All videos had a frame rate of 60 fps four outputs with 3840x2160px @60Hz were used for this test.
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.