

Elecard Codec Performance Table

Xeon E5405, 2 GHz

	fps	CPU/ch, %	N realtimes	N channels
MPEG-2 Decoding (2.0.026252.101208)				
SD 720x576 @25p, 6 Mbps	1090	3	43.6	43
HD 1280x720 @25p, 18 Mbps	530	5	21.2	21
HD 1920x1080 @25p, 25 Mbps	230	11	9.2	9
AVC Decoding (2.1.024890.100721)				
SD 720x576 @25p, 3.5 Mbps, Baseline	420	6	16.8	16
HD 1280x720 @25p, 11 Mbps, Baseline	200	13	8	8
HD 1920x1080 @25p, 15 Mbps, Baseline	87	29	3.5	3
SD 720x576 @25p, 3.5 Mbps, High	340	8	13.6	13
HD 1280x720 @25p, 11 Mbps, High	165	16	6.6	6
HD 1920x1080 @25p, 15 Mbps, High	70	36	2.8	2
MPEG-2 Encoding (6.1.026278.101213)				
SD 720x576 @25p, 6 Mbps	340	8	13.6	13
HD 1280x720 @25p, 18 Mbps	142	18	5.7	5
HD 1920x1080 @25p, 25 Mbps	62	40	2.5	2
AVC Encoding (2.1.023582.100326)				
SD 720x576 @25p, 3.5 Mbps, Baseline	177	15	7.1	7
HD 1280x720 @25p, 11 Mbps, Baseline	73	35	2.9	2
HD 1920x1080 @25p, 15 Mbps, Baseline	38	67	1.5	1
SD 720x576 @25p, 3.5 Mbps, High	129	20	5.2	5
HD 1280x720 @25p, 11 Mbps, High	52	48	2.1	2
HD 1920x1080 @25p, 15 Mbps, High	28	91	1.1	1

Elecard Codec Performance Table

AMD X4 810, 2.6 GHz

	fps	CPU/ch, %	N realtimes	N channels
MPEG-2 Decoding (2.0.026252.101208)				
SD 720x576 @25p, 6 Mbps	1290	2	51.6	51
HD 1280x720 @25p, 18 Mbps	465	6	18.6	18
HD 1920x1080 @25p, 25 Mbps	215	12	8.6	8
AVC Decoding (2.1.024890.100721)				
SD 720x576 @25p, 3.5 Mbps, Baseline	530	5	21.2	21
HD 1280x720 @25p, 11 Mbps, Baseline	210	12	8.4	8
HD 1920x1080 @25p, 15 Mbps, Baseline	110	23	4.4	4
SD 720x576 @25p, 3.5 Mbps, High	350	8	14	14
HD 1280x720 @25p, 11 Mbps, High	145	18	5.8	5
HD 1920x1080 @25p, 15 Mbps, High	82	31	3.3	3
MPEG-2 Encoding (6.1.026278.101213)				
SD 720x576 @25p, 6 Mbps	230	11	9.2	9
HD 1280x720 @25p, 18 Mbps	93	28	3.7	3
HD 1920x1080 @25p, 25 Mbps	45	56	1.8	1
AVC Encoding (2.1.023582.100326)				
SD 720x576 @25p, 3.5 Mbps, Baseline	170	15	6.8	6
HD 1280x720 @25p, 11 Mbps, Baseline	71	36	2.8	2
HD 1920x1080 @25p, 15 Mbps, Baseline	38	67	1.5	1
SD 720x576 @25p, 3.5 Mbps, High	125	20	5	5
HD 1280x720 @25p, 11 Mbps, High	51	50	2	2
HD 1920x1080 @25p, 15 Mbps, High	26	100	1	1