

NEW R3 SERVER HARDWARE PERFORMANCE

PANDORAS BOX

The following performance results are to be understood as approximate values. They refer to all DUAL and QUAD server systems. Please keep in mind that different codecs have different advantages, depending on the exact nature of the content being used.

	LT (SSD)	STD (SSD)	PRO (SSD)
MPEG Videos			
720p 1280x720p30 @14 Mbit/s	16	20	20
HD 1920x1080p30 @20 Mbit/s	8	10	12
4K* 4080x2160p30 @80Mbit/s	2	2	2
4K* 4080x2160p60 @160Mbit/s	1	1	1
Pandoras Box DDS (Imageseq or MOV)			
HD 1920x1080p30	16	20	24
4K* 4096x2160p30	2	2	2
4K* 4096x2160p60	1	1	1
Pandoras Box DDSA (Imageseq or MOV)			
HD 1920x1080p30	8	10	12
4K* 4096x2160p30	1	1	1
Pandoras Box YCoCg (Imageseq or MOV)			
HD 1920x1080p30	8	10	12
Pandoras Box BMP (Imageseq or MOV)			
HD 1920x1080p30 (SNP)	2	4	4
AVI Uncompressed			
HD 1920x1080p30	2	2	2
QT ProRes 422			
HD 1920x1080p30	2	2	2

HD-SDI Live-Input			
4x 1920x1080i59.94 (Deinterlaced, Top Field)	4	4	4
Additional simultaneous MPEGs 1920x1080p30@20 Mbit/s	0	0	0
or DDS 1920x1080p30	2	4	4
1x 1920x1080i59.94 (Deinterlaced, Top Field)	1	1	1
Additional simultaneous MPEGs 1920x1080p30@20 Mbit/s	6	8	8
or DDS 1920x1080p30	16	18	20
3G Live-Input			
4x 1920x1080p59.94	4	4	4
Additional simultaneous MPEGs 1920x1080p30@20 Mbit/s	2	4	4
or DDS 1920x1080p30	6	8	8
1x 1920x1080p59.94	1	1	1
Additional simultaneous MPEGs 1920x1080p30@20 Mbit/s	6	8	8
or DDS 1920x1080p30	16	18	20