

# XFly2

## XFLY2 BANDWIDTH BENCHMARKS



08/2014

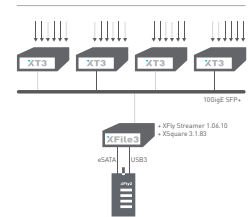
# XFly2 eSATA

CODEC	WRAPPER	6 jobs	7 jobs	8 jobs	9 jobs	10 jobs	11 jobs	12 jobs	13 jobs	14 jobs	15 jobs	16 jobs
DNxHD 120 (16 audios)	OpAtom + AAF							91min				
	Op1A SMPTE + XML							91min				
DNxHD 185 (16 audios)	OpAtom + AAF			93min								
	Op1A SMPTE + XML			91min								
DNxHD 185x (16 audios)	OpAtom + AAF		94min									
	Op1A SMPTE + XML		92min									
DVCPROHD100 (16 audios)	QT REF + FCP XML								96min			
	QT MOV + FCP XML								95min			
PRORES HQ 185 (16 audios)	QT REF + FCP XML											
	QT MOV + FCP XML											
PRORES SQ 120 (16 audios)	QT REF + FCP XML							103min				
	QT MOV + FCP XML								98min			
PRORES LT 85 (16 audios)	QT REF + FCP XML										94min	
	QT MOV + FCP XML											91min
AVCi 100 (8 audios)	OpAtom + AAF								96min			
	Op1A SMPTE + XML								93min			
XDCAMHD 50 (8 audios)	OpAtom XDCAM + AAF											...24 jobs
	Op1A XDCAM + AAF											...24 jobs



## PAL

EACH JOBS = 90MIN  
Backup STREAMS  
(native codecs with no transcoding) created on 2-4 XT servers transfer to XFile3, 10 GBE connections (Jumbo frame). Tested with XFly Streamer Vers. 1.06.10 (auto-grab disabled for XDCAM HD) and XSquare 3.1.83.



RT
ACCEPTABLE
IF ABSOLUTELY NECESSARY

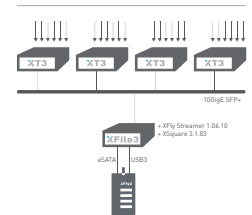
# XFly2 USB3

CODEC	WRAPPER	6 jobs	7 jobs	8 jobs	9 jobs	10 jobs	11 jobs	12 jobs	13 jobs	14 jobs	15 jobs
DNxHD 120 (16 audios)	OpAtom + AAF							102min			
	Op1A SMPTE + XML							99min			
DNxHD 185 (16 audios)	OpAtom + AAF			103min							
	Op1A SMPTE + XML			101min							
DNxHD 185x (16 audios)	OpAtom + AAF		93min								
	Op1A SMPTE + XML		91min								
DVCPROHD100 (16 audios)	QT REF + FCP XML										
	QT MOV + FCP XML										
PRORES HQ 185 (16 audios)	QT REF + FCP XML										
	QT MOV + FCP XML										
PRORES SQ 120 (16 audios)	QT REF + FCP XML										
	QT MOV + FCP XML						99min				
PRORES LT 85 (16 audios)	QT REF + FCP XML										97min
	QT MOV + FCP XML										
AVCi 100 (8 audios)	OpAtom + AAF								102min		
	Op1A SMPTE + XML								101min		
XDCAMHD 50 (8 audios)	OpAtom XDCAM + AAF										... 24 jobs
	Op1A XDCAM + AAF										... 20 jobs



## PAL

EACH JOBS = 90MIN  
Backup STREAMS  
(native codecs with no transcoding) created on 2-4  
XT servers transfer to XFile3,  
10 GBE connections (Jumbo  
frame). Tested with XFly  
Streamer Vers. 1.06.10 (auto-  
grab disabled for XDCAM  
HD) and XSquare 3.1.83.



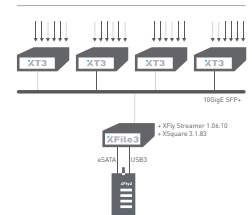
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DNxHD 100 (16 audios)	OpAtom + AAF					91min					
	Op1A SMPTE + XML					93min					
DNxHD 145 (16 audios)	OpAtom + AAF				91min						
	Op1A SMPTE + XML					96min					
DNxHD 220 (16 audios)	OpAtom + AAF		93min								
	Op1A SMPTE + XML		95min								
DVCPROHD100 (16 audios)	QT REF + FCP XML								95min		
	QT MOV + FCP XML								93min		
PRORES HQ 220 (16 audios)	QT REF + FCP XML		105min								
	QT MOV + FCP XML			91min							
PRORES SQ 145 (16 audios)	QT REF + FCP XML				93min						
	QT MOV + FCP XML					91min					
PRORES LT 102 (16 audios)	QT REF + FCP XML								96min		
	QT MOV + FCP XML									91min	
AVCi 100 (8 audios)	OpAtom + AAF								99min		
	Op1A SMPTE + XML								102min		
XDCAMHD 50 (8 audios)	OpAtom XDCAM + AAF										...24 jobs
	Op1A XDCAM + AAF										...24 jobs



## NTSC

EACH JOBS = 90MIN  
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(native codecs with no transcoding) created on 2-4 XT servers transfer to XFile3, 10 GBE connections (Jumbo frame). Tested with XFly Streamer Vers. 1.06.10 (auto-grab disabled for XDCAM HD) and XSquare 3.1.83.



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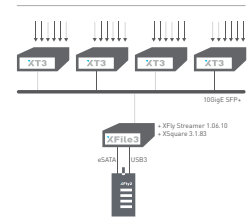
# XFly2 USB3

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DNxHD 145 (16 audios)	OpAtom + AAF				91min						
	Op1A SMPTE + XML					96min					
DNxHD 220 (16 audios)	OpAtom + AAF		103min								
	Op1A SMPTE + XML		102min								
DVCPROHD100 (16 audios)	QT REF + FCP XML						92min				
	QT MOV + FCP XML						91min				
PRORES HQ 220 (16 audios)	QT REF + FCP XML	96min									
	QT MOV + FCP XML		91min								
PRORES SQ 145 (16 audios)	QT REF + FCP XML										
	QT MOV + FCP XML										
PRORES LT 102 (16 audios)	QT REF + FCP XML										
	QT MOV + FCP XML										
AVCi 100 (8 audios)	OpAtom + AAF						91min				
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XDCAMHD 50 (8 audios)	OpAtom XDCAM + AAF										...23 jobs
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