

# F10 Media BenchMark

Rev0.1

## ➤ F10 Media Codec List

### Video

Codec	Profile	Max Resolution	Max Bitrate	MAX Frames Rate
MPEG1		1920x1080	100Mbps	30fps
MPEG2	MP@HL		100Mbps	
MPEG4-XVID	SP,ASP		100Mbps	
DIVX	HD 1080p		100Mbps	
H.264	SP/MP/HP		70Mbps	
H.263	BP		100Mbps	
WMV9/VC-1	SP/MP/AP		100Mbps	
RMVB	V8/V9		30Mbps	

### Audio

Codec	Profile	Max Bitrate	MAX SampleRate
MP3	All	320kbps	48000
WMA	Standard/Pro	384kbps	48000
OGG	Q1 -Q10	500kbps	48000
FLAC	Lever0- Lever8	1.60Mbps	48000
APE		950kbps	48000
AAC		448kbps	48000
AC3	Ac3 only	640kps	48000
ATRA		132kbps	44100
DTS	Dts only	3.84Mbps	48000

## ➤ F10 Container List


Container	Audio	Video	Max Bitrate	Multi Audio Switch	Subtitle
MKV	MP3	Mpeg2	50Mbps	Support	UTF8/ASS /SSA/ACSII/sub
	MP3/AAC	RMVB	30Mbps		
	WMA	WMV9	40Mbps		
	MP3	Xvid	40Mbps		
	MP3	H.264	40Mbps		
	AAC	H.264	40Mbps		
	AC3-5.1	H.264	40Mbps		
	DTS-5.1	H.264	40Mbps		


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Container	Audio	Video	Max Bitrate	Muti Audio Switch	Subtitle
AVI	Mp3	Xvid	50Mbps	Support	UTF8/ASS /SSA/ACSII/sub
	Mp3	H.264	40Mbps		
	AAC	H.264	40Mbps		
	AC3-5.1	H.264	40Mbps		
	DTS-5.1	H.264	40Mbps		


Container	Audio	Video	Max Bitrate	Multi Audio Switch	Subtitle
TS/TP	Mp2	Mpeg2	40Mbps	Support	UTF8/ASS /SSA/ACSII/sub
	Mp3	Mpeg2	40Mbps		
	AAC	Mpeg2	40Mbps		
	AC3-5.1	Mpeg2	30Mbps		
	DTS-5.1	Mpeg2	30Mbps		
	Mp3	H.264	30Mbps		
	AAC	H.264	30Mbps		
	AC3-5.1	H.264	20Mbps		
	DTS-5.1	H.264	20Mbps		
	Mp3	VC-1	30Mbps		
	AAC	VC-1	30Mbps		
	AC3-5.1	VC-1	20Mbps		
	DTS-5.1	VC-1	20Mbps		


Container	Audio	Video	Max Bitrate	Multi Audio Switch	Subtitle
MP4/M4V	Mp3	Xvid	50Mbps	不支持 	UTF8/ASS /SSA/ACSII/sub
	Mp3	H.264	40Mbps		
	AAC	H.264	40Mbps		
	AC3-5.1	H.264	40Mbps		
	DTS-5.1	H.264	40Mbps		


Container	audio	video	Max Bitrate	Multi Audio Switch	Subtitle
MOV	Mp3	Xvid	50Mbps	不支持 	UTF8/ASS /SSA/ACSII/sub
	Mp3	H.264	40Mbps		
	AAC	H.264	40Mbps		
	AC3-5.1	H.264	40Mbps		
	DTS-5.1	H.264	40Mbps		


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Container	Audio	Video	Max Bitrate	Multi Audio Switch	Subtitle
VOB	Mp2	Mpeg2	45Mbps		UTF8/ASS /SSA/ACSII/sub
	Mp3	Mpeg2			
	AC3-5.1	Mpeg2			
	DTS-5.1	Mpeg2			

Container	Audio	Video	Max Bitrate	Multi Audio Switch	Subtitle
PMP	Mp3	Xvid	50Mbps		UTF8/ASS /SSA/ACSII/sub
	AAC	Xvid	50Mbps		
	Mp3	H.264	40Mbps		
	AAC	H.264	40Mbps		

Container	Audio	Video	Max Bitrate	Multi Audio Switch	Subtitle
RM/RMVB	Cook (2.0/5.1)	RV8/9	30Mbps		UTF8/ASS /SSA/ACSII/sub
	AAC	RV8/9	30Mbps		
	AC3-5.1	RV8/9	30Mbps		
	Atrac	RV8/9	30Mbps		
	Sipro	RV8/9	30Mbps		
	Ra144/ra288	RV8/9	30Mbps		

Container	Audio	Video	Max Bitrate	Multi Audio Switch	Subtitle
MPG	Mp1/2	Mpeg1	45Mbps		UTF8/ASS /SSA/ACSII/sub
	Mp1/2	Mpeg2	45Mbps		

Container	Audio	Video	Max Bitrate	Multi Audio Switch	Subtitle
M2TS	Mp3	Mpeg2	40Mbps		UTF8/ASS /SSA/ACSII/sub
	Mp3	h.264	30Mbps		
	AAC	h.264	30Mbps		
	AC3-5.1	h.264	20Mbps		
	DTS-5.1	h.264	20Mbps		

Container	Audio	Video	Max Bitrate	Multi Audio Switch	Subtitle
FLV	MP3	H.263	50Mbps		UTF8/ASS /SSA/ACSII/sub
	AAC	H.263			
	MP3	H.264			
	AAC	H.264			

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Container	Audio	Video	Max Bitrate	Multi Audio Switch	Subtitle
WMV	WMA	VC-1	40Mbps	不支持	UTF8/ASS /SSA/ACSII/sub
	WMA Pro	VC-1	30Mbps	不支持	
	WMA	WMV7	1Mbps	不支持	
	WMA	WMV8	不支持	不支持	

## ➤ F10 Photo List

PHOTO	Container	Max resolution	profile
	JPEG	Unlimited	Baseline
	BMP	2.5M pixels	ALL
	GIF	2.5M pixels	89a/87A
	PNG	2.5M pixels	ALL

## ➤ F10 Ebook List

Ebook	Container	Encoder	
	TXT	UTF8/ANSI/Unicode/ Unicode Big Endian	
	LRC	UTF8/ANSI/Unicode/ Unicode Big Endian	
	.C	UTF8/ANSI/Unicode/ Unicode Big Endian	