

# Conceptronic CFULLHDMA Codec List

## SUPPORTED CONTAINERS - SUMMARY

### NOTES

This is a summary of all supported containers, refer to the pages below for detailed information.

### AUDIO

AAC	Advanced Audio Coding	Yes
APE	Monkey's Audio	No
FLAC	Free Lossless Audio Codec	Yes
MP3	MPEG-1 Audio Layer 3	Yes
Ogg	Ogg Vorbis	Yes
PCM	Pulse Code Modulation	Yes
WMA	Windows Media Audio	Yes

### VIDEO

3GP	Third Generation Partnership Project	No
AVI	Audio Video Interleave	Yes
DivX	DivX	Yes
DVR-MS	Microsoft Digital Video Recording	No
EVO	Enhanced VOB	yes
FLV	Flash Video	No
MPEG-2 TS	Transport Stream	Yes
MKV	Matroska	Yes
MP4	MPEG-4 Part 14	Yes
MPEG	MPEG Video File	Yes
QuickTime	Apple QuickTime	Yes
VOB	MPEG Video Object	Yes
WMV	Windows Media Video	Yes

### SUBTITLES

IDX, SUB	VobSub (Bitmap based subtitle format)	Yes
ASS, SSA	SubStation Alpha	Yes
PSB	PowerDivX	No
RT	RealText	No
SMI	SAMI	No
SRT	SubRip	Yes
SSF	Structured Subtitle Format	No
SUB	MicroDVD	Yes
SUB	SubViewer	No
TXT	Text File	No
USF	Universal Subtitle Format	No

### PICTURES

BMP	Windows Bitmap	Yes
GIF	Graphics Interchange Format	Yes
HD Photo	HD Photo / Windows Media Photo	No
JPEG	Joint Photographics Experts Group	Yes
JPEG 2000	Joint Photographics Experts Group 2000	No
PNG	Portable Network Graphics	Yes
TIFF	Tagged Image File Format	Yes

## AUDIO CONTAINERS - DETAILED

### AAC ( Advanced Audio Coding )

<i>File extensions</i>	AAC, MP4, M4A, M4B, M4P, M4R, M4V, 3GP	
<i>Codecs</i>	AAC ( AAC-LC )	yes
	Apple Lossless ( ALE / ALAC )	no
	HE-AAC ( aacPlus v1 / AAC+ )	yes
	HE-AAC v2 ( aacPlus v2 / eAAC+ )	unknown
<i>Extra features</i>	ID3 tag support	no
	VBR support	yes
<i>Notes</i>		

### APE ( Monkey's Audio )

<i>File extensions</i>	APE	
<i>Codecs</i>	APE	no
<i>Extra features</i>	APEv1 tag support	no
	APEv2 tag support	no
<i>Notes</i>		

### FLAC ( Free Lossless Audio Codec )

<i>File extensions</i>	FLAC	
<i>Codecs</i>	FLAC	yes
<i>Extra features</i>	Tag (Vorbis comment) support	yes
<i>Notes</i>		

### MP3 ( MPEG-1 Audio Layer 3 )

<i>File extensions</i>	MP3	
<i>Codecs</i>	MP3 ( MPEG-1 Layer 3 )	yes
	mp3PRO	no
<i>Extra features</i>	ID3v1 tag support	yes
	ID3v2 tag support	yes
	VBR support	yes
<i>Notes</i>		

### Ogg ( Ogg Vorbis )

<i>File extensions</i>	OGG, OGA	
<i>Codecs</i>	Ogg	yes
<i>Extra features</i>	Tag (Vorbis comment) support	yes
<i>Notes</i>		

### PCM ( Pulse Code Modulation )

<i>File extensions</i>	WAV, AIFF, AIF	
<i>Codecs</i>	PCM	yes
<i>Extra features</i>	-	
<i>Notes</i>		

### WMA ( Windows Media Audio )

<i>File extensions</i>	WMA	
<i>Codecs</i>	WMA	yes
	WMA Lossless	unknown
	WMA Pro	yes
	WMA Voice	unknown
<i>Extra features</i>	ID3v1 tag support	yes
	ID3v2 tag support	yes
	VBR support (WMA and WMA Pro only)	yes
<i>Notes</i>		

## VIDEO CONTAINERS - DETAILED

<b>3GP ( Third Generation Partnership Project )</b>		
<i>File extensions</i>	3GP, 3G2	
<i>Video codecs</i>	H.263	no
	H.264 / MPEG-4 AVC	no
	MPEG-4	no
<i>Audio codecs</i>	AAC	no
	AMR-NB/WB	no
	AMR-WB+	no
	HE-AAC	no
<i>Embedded subtitles</i>	3GPP Timed Text	no
<i>Extra features</i>	-	no
<i>Notes</i>		

<b>AVI ( Audio Video Interleave )</b>		
<i>File extensions</i>	AVI	
<i>Video codecs</i>	DivX ( MPEG-4 ASP / Part 2 )	yes
	DVSD	no
	M-JPEG	no
	MPEG-1	yes
	MPEG-2	yes
	WMV	no
	Xvid ( MPEG-4 ASP / Part 2 )	yes
<i>Audio codecs</i>	AC-3 ( Dolby Digital )	yes
	DTS	see notes
	MP3 ( MPEG-1 Layer 3 )	yes
	WMA	unknown
<i>Embedded subtitles</i>	-	no
<i>Extra features</i>	-	
<i>Notes</i>	DTS only support S/PDIF pass through	

<b>DivX ( DivX )</b>		
<i>File extensions</i>	DIVX	
<i>Video codecs</i>	DivX ( MPEG-4 ASP / Part 2 )	yes
<i>Audio codecs</i>	AC-3 ( Dolby Digital )	yes
	MP3 ( MPEG-1 Layer 3 )	yes
<i>Subtitles</i>	XSUB	no
<i>Extra features</i>	Chapter points	no
	Interactive menus	no
	Multiple audio tracks	no
	Multiple subtitles	no
<i>Notes</i>		

<b>DVR-MS ( Microsoft Digital Video Recording )</b>		
<i>File extensions</i>	DVR-MS	
<i>Video codecs</i>	MPEG-2	no
<i>Audio codecs</i>	AC-3 ( Dolby Digital )	no
	MP3 ( MPEG-1 Layer 3 )	no
<i>Subtitles</i>	-	
<i>Extra features</i>	-	
<i>Notes</i>		

<b>EVO ( Enhanced VOB )</b>		
<i>File extensions</i>	EVO	
<i>Video codecs</i>	H.264 ( MPEG-4 AVC / Part 10 )	yes
	MPEG-2	yes
	VC-1	no
<i>Audio codecs</i>	AC-3 ( Dolby Digital )	yes
	Dolby TrueHD	no
	DTS	see notes
	DTS-HD	unknown
	E-AC3 ( Dolby Digital Plus )	yes
	MPEG-2 Part 3	unknown
	PCM	yes
	<i>Subtitles</i>	?
<i>Extra features</i>	Chapter points	no
	Interactive menus	no
	Multiple audio tracks	unknown
	Multiple subtitles	unknown
	ISO support	no
<i>Notes</i>	DTS only support S/PDIF pass through	
<b>FLV ( Flash Video )</b>		
<i>File extensions</i>	FLV, F4V, F4P, F4A, F4B	
<i>Video codecs</i>	H.264 ( MPEG-4 AVC / Part 10 )	no
<i>Audio codecs</i>	HE-AAC ( aacPlus / AAC+ )	no
	MP3 ( MPEG-1 Layer 3 )	no
<i>Subtitles</i>	-	
<i>Extra features</i>	-	
<i>Notes</i>		
<b>MPEG-2 TS ( Transport Stream )</b>		
<i>File extensions</i>	TS, M2TS	
<i>Video codecs</i>	H.264 ( MPEG-4 AVC / Part 10 )	yes
	MPEG-2	yes
	VC-1	no
<i>Audio codecs</i>	AC-3 ( Dolby Digital )	yes
	Dolby TrueHD	no
	DTS	see notes
	DTS-HD	see notes
	E-AC3 ( Dolby Digital Plus )	yes
	MP3 ( MPEG-1 Layer 3 )	yes
	PCM	yes
	<i>Subtitles</i>	Presentation Graphics Stream ( M2TS only )
<i>Extra features</i>	Chapter points	no
	Interactive menus	no
	Multiple audio tracks	yes
	Multiple subtitles	yes
	ISO support	no
<i>Notes</i>	DTS only support S/PDIF pass through	

<b>MKV ( Matroska )</b>		
<i>File extensions</i>	MKV	
<i>Video codecs</i>	DivX ( MPEG-4 ASP / Part 2 )	yes
	H.264 ( MPEG-4 AVC / Part 10 )	yes
	MPEG-1	yes
	MPEG-2	yes
	MPEG-4 ASP	yes
	VC-1	yes
	WMV	no
	Xvid ( MPEG-4 ASP / Part 2 )	yes
<i>Audio codecs</i>	AAC ( AAC-LC )	yes
	AC-3 ( Dolby Digital )	yes
	DTS	see notes
	E-AC3 ( Dolby Digital Plus )	yes
	HE-AAC ( aacPlus v1 / AAC+ )	yes
	HE-AAC v2 ( aacPlus v2 / eAAC+ )	unknown
	MP3 ( MPEG-1 Layer 3 )	yes
	Ogg Vorbis	yes
	PCM	yes
	WMA	no
	<i>Subtitles</i>	IDX
SMI		no
SRT		yes
SSA ( ASS )		yes
SUB		yes
TTXT		no
<i>Extra features</i>	Chapter points	no
	Interactive menus	no
	Multiple audio tracks	yes
	Multiple subtitles	yes
<i>Notes</i>	DTS only support S/PDIF pass through	
<b>MP4 ( MPEG-4 Part 14 )</b>		
<i>File extensions</i>	MP4	
<i>Video codecs</i>	DivX ( MPEG-4 ASP / Part 2 )	yes
	H.263	no
	H.264 ( MPEG-4 AVC / Part 10 )	yes
	MPEG-1	unknown
	MPEG-2	unknown
	Xvid ( MPEG-4 ASP / Part 2 )	yes
<i>Audio codecs</i>	AAC ( AAC-LC )	yes
	Apple Lossless ( ALE / ALAC )	no
	HE-AAC ( aacPlus v1 / AAC+ )	yes
	MP3 ( MPEG-1 Layer 3 )	yes
<i>Subtitles</i>	TTXT	no
<i>Extra features</i>	Chapter points ( Nero Digital )	no
<i>Notes</i>		

<b>MPEG ( MPEG Video File )</b>		
<i>File extensions</i>	MPEG, MPG, DAT	
<i>Video codecs</i>	MPEG-1	yes
	MPEG-2	yes
<i>Audio codecs</i>	AC-3 ( Dolby Digital )	yes
	MP3 ( MPEG-1 Layer 3 )	yes
	PCM	yes
<i>Subtitles</i>	-	
<i>Extra features</i>	-	
<i>Notes</i>		
<b>QuickTime ( Apple QuickTime )</b>		
<i>File extensions</i>	MOV, QT	
<i>Video codecs</i>	H.263	no
	H.264 ( MPEG-4 AVC / Part 10 )	yes
	MPEG-1	unknown
	MPEG-2	unknown
<i>Audio codecs</i>	AAC ( AAC-LC )	yes
	AC-3 ( Dolby Digital )	yes
	Apple Lossless ( ALE / ALAC )	no
	DTS	see notes
	HE-AAC ( aacPlus v1 / AAC+ )	yes
	HE-AAC v2 ( aacPlus v2 / eAAC+ )	unknown
	MP3 ( MPEG-1 Layer 3 )	yes
	PCM	yes
<i>Subtitles</i>	?	
<i>Extra features</i>	Chapter points	
<i>Notes</i>	DTS only support S/PDIF pass through	
<b>VOB ( MPEG Video Object )</b>		
<i>File extensions</i>	VOB, IFO	
<i>Video codecs</i>	MPEG-2	yes
<i>Audio codecs</i>	AC-3 ( Dolby Digital )	yes
	DTS	see notes
	PCM	yes
<i>Subtitles</i>	VOB	yes
<i>Extra features</i>	Chapter points	yes
	Interactive menus	yes
	Multiple audio tracks	yes
	Multiple subtitles	yes
	ISO, IMG support	yes
<i>Notes</i>	DTS only support S/PDIF pass through	
<b>WMV ( Windows Media Video )</b>		
<i>File extensions</i>	WMV	
<i>Video codecs</i>	WMV	see notes
	VC-1	yes
<i>Audio codecs</i>	WMA	yes
<i>Subtitles</i>	?	
<i>Extra features</i>	Chapter points	no
	Multiple audio tracks	no
	Multiple subtitles	no
<i>Notes</i>	Only support WMV9 and WMV9Pro	

## PICTURES - DETAILED

<b>BMP ( Windows Bitmap )</b>		
<i>File extensions</i>	BMP, DIB	
<i>Codecs</i>	BMP	yes
<i>Extra features</i>	-	
<i>Notes</i>		

<b>GIF ( Graphics Interchange Format )</b>		
<i>File extensions</i>	GIF	
<i>Codecs</i>	GIF	yes
<i>Extra features</i>	-	
<i>Notes</i>		

<b>HD Photo ( HD Photo / Windows Media Photo )</b>		
<i>File extensions</i>	HDP, WDP	
<i>Codecs</i>	HD Photo	no
<i>Extra features</i>	EXIF support	unknown
<i>Notes</i>		

<b>JPEG ( Joint Photographics Experts Group )</b>		
<i>File extensions</i>	JPG, JPEG, JPE	
<i>Codecs</i>	JPEG	yes
<i>Extra features</i>	EXIF support	unknown
<i>Notes</i>		

<b>JPEG 2000 ( Joint Photographics Experts Group 2000 )</b>		
<i>File extensions</i>	JP2, J2K	
<i>Codecs</i>	JPEG 2000	no
<i>Extra features</i>	EXIF support	unknown
<i>Notes</i>		

<b>PNG ( Portable Network Graphics )</b>		
<i>File extensions</i>	PNG	
<i>Codecs</i>	PNG	yes
<i>Extra features</i>	-	
<i>Notes</i>		

<b>TIFF ( Tagged Image File Format )</b>		
<i>File extensions</i>	TIFF, TIF	
<i>Codecs</i>	TIFF	yes
<i>Extra features</i>	EXIF support	unknown
<i>Notes</i>		