

Conceptronic Media Giant 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	see details
APE	Monkey's Audio	no
FLAC	Free Lossless Audio Codec	no
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	no
FLV	Flash Video	no
MPEG-2 TS	Transport Stream	no
MKV	Matroska	no
MP4	MPEG-4 Part 14	no
MPEG	MPEG Video File	yes
QuickTime	Apple QuickTime	no
VOB	MPEG Video Object	yes
WMV	Windows Media Video	no

SUBTITLES

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

PICTURES

BMP	Windows Bitmap	yes
GIF	Graphics Interchange Format	no
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	no
TIFF	Tagged Image File Format	no

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+)	unknown
	HE-AAC v2 (aacPlus v2 / eAAC+)	unknown
<i>Extra features</i>	ID3 tag support	no
	VBR support	yes
<i>Notes</i>	Only the AAC extension is supported.	

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	no
<i>Extra features</i>	Tag (Vorbis comment) support	no
<i>Notes</i>	-	

MP3 (MPEG-1 Audio Layer 3)

<i>File extensions</i>	MP3	
<i>Codecs</i>	MP3 (MPEG-1 Layer 3)	yes
	mp3PRO	yes
<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	no
<i>Notes</i>	Only the OGG extension is supported.	

PCM (Pulse Code Modulation)

<i>File extensions</i>	WAV, AIFF, AIF	
<i>Codecs</i>	PCM	yes
<i>Extra features</i>	-	
<i>Notes</i>	Only the WAV extension is supported.	

WMA (Windows Media Audio)

<i>File extensions</i>	WMA	
<i>Codecs</i>	WMA	yes
	WMA Lossless	no
	WMA Pro	no
	WMA Voice	no
<i>Extra features</i>	ID3v1 tag support	no
	ID3v2 tag support	no
	VBR support (WMA and WMA Pro only)	yes
<i>Notes</i>	-	

VIDEO CONTAINERS - DETAILED

3GP (Third Generation Partnership Project)		
<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	
<i>Extra features</i>	-	
<i>Notes</i>	-	

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

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

DVR-MS (Microsoft Digital Video Recording)		
<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>	-	

EVO (Enhanced VOB)		
<i>File extensions</i>	EVO	
<i>Video codecs</i>	H.264 (MPEG-4 AVC / Part 10)	no
	MPEG-2	no
	VC-1	no
<i>Audio codecs</i>	AC-3 (Dolby Digital)	no
	Dolby TrueHD	no
	DTS	no
	DTS-HD	no
	E-AC3 (Dolby Digital Plus)	no
	MPEG-2 Part 3	no
	PCM	no
	<i>Subtitles</i>	?
<i>Extra features</i>	Chapter points	no
	Interactive menus	no
	Multiple audio tracks	no
	Multiple subtitles	no
	ISO support	no
<i>Notes</i>	-	
FLV (Flash Video)		
<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>	-	
MPEG-2 TS (Transport Stream)		
<i>File extensions</i>	TS, M2TS	
<i>Video codecs</i>	H.264 (MPEG-4 AVC / Part 10)	no
	MPEG-2	no
	VC-1	no
<i>Audio codecs</i>	AC-3 (Dolby Digital)	no
	Dolby TrueHD	no
	DTS	no
	DTS-HD	no
	E-AC3 (Dolby Digital Plus)	no
	MP3 (MPEG-1 Layer 3)	no
	PCM	no
	<i>Subtitles</i>	Presentation Graphics Stream (M2TS only)
<i>Extra features</i>	Chapter points	no
	Interactive menus	no
	Multiple audio tracks	no
	Multiple subtitles	no
	ISO support	no
<i>Notes</i>	-	

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

MPEG (MPEG Video File)		
<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)	no
	MP3 (MPEG-1 Layer 3)	yes
	PCM	yes
<i>Subtitles</i>	-	
<i>Extra features</i>	-	
<i>Notes</i>	-	
QuickTime (Apple QuickTime)		
<i>File extensions</i>	MOV, QT	
<i>Video codecs</i>	H.263	no
	H.264 (MPEG-4 AVC / Part 10)	no
	MPEG-1	no
	MPEG-2	no
<i>Audio codecs</i>	AAC (AAC-LC)	no
	AC-3 (Dolby Digital)	no
	Apple Lossless (ALE / ALAC)	no
	DTS	no
	HE-AAC (aacPlus v1 / AAC+)	no
	HE-AAC v2 (aacPlus v2 / eAAC+)	no
	MP3 (MPEG-1 Layer 3)	no
	PCM	no
<i>Subtitles</i>	?	no
<i>Extra features</i>	Chapter points	no
<i>Notes</i>	-	
VOB (MPEG Video Object)		
<i>File extensions</i>	VOB, IFO	
<i>Video codecs</i>	MPEG-2	yes
<i>Audio codecs</i>	AC-3 (Dolby Digital)	yes
	DTS	yes
	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 support	yes
<i>Notes</i>	-	
WMV (Windows Media Video)		
<i>File extensions</i>	WMV	
<i>Video codecs</i>	WMV	no
	VC-1	no
<i>Audio codecs</i>	WMA	no
<i>Subtitles</i>	?	no
<i>Extra features</i>	Chapter points	no
	Multiple audio tracks	no
	Multiple subtitles	no
<i>Notes</i>	-	

PICTURES - DETAILED

BMP (Windows Bitmap)		
<i>File extensions</i>	BMP, DIB	
<i>Codecs</i>	BMP	yes
<i>Extra features</i>	-	
<i>Notes</i>	Only the BMP extension is supported.	

GIF (Graphics Interchange Format)		
<i>File extensions</i>	GIF	
<i>Codecs</i>	GIF	no
<i>Extra features</i>	-	
<i>Notes</i>	-	

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

JPEG (Joint Photographics Experts Group)		
<i>File extensions</i>	JPG, JPEG, JPE	
<i>Codecs</i>	JPEG	yes
<i>Extra features</i>	EXIF support	no
<i>Notes</i>	-	

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

PNG (Portable Network Graphics)		
<i>File extensions</i>	PNG	
<i>Codecs</i>	PNG	no
<i>Extra features</i>	-	
<i>Notes</i>	-	

TIFF (Tagged Image File Format)		
<i>File extensions</i>	TIFF, TIF	
<i>Codecs</i>	TIFF	no
<i>Extra features</i>	EXIF support	no
<i>Notes</i>	-	