
SQUEEZE SERVER

Supported Formats
Version 4.0



Supported Formats

The following table lists the formats, video codecs, and audio codecs supported by Squeeze Server including whether Squeeze Server can decode (In) and/or encode (Out) each combination.

Format	Video Codec	Audio Codec	Support	
Adaptive Bitrate				
Adobe HDS (MP4)	H.264, x264	AAC, AACPlus		Out
Apple HLS (MPG)	H.264, x264	AAC, AACPlus		Out
Microsoft Smooth Streaming (MP4)	H.264, x264	AAC, AACPlus		Out
MPEG-DASH	H.264, x264	AAC, AACPlus		Out
3GPP	Sorenson MPEG-4	AAC, AACPlus, AMR-NB		Out
3GPP2	Sorenson MPEG-4	AAC, AACPlus, AMR-NB	In	Out
AAC	—	AAC, AACPlus	In	Out
AC3	—	AC3	In	Out
AIFF	—	PCM	In	Out
AVI	DV	PCM	In	Out
Blu-ray				
	H.264	AC3	In	Out
	MPEG2	AC3	In	Out
DV	DV	PCM	In	Out
Flash				
FLV 6+	Spark Pro	MP3, ADPCM, Uncompressed	In	Out
FLV 8+	Spark Pro, VP6	MP3, ADPCM, Uncompressed	In	Out
SWF 6+	Spark Pro	MP3, ADPCM		Out
SWF 8+	Spark Pro, VP6	MP3, ADPCM		Out
SWF 9+	H.264, x264	AAC, AACPlus		Out
HTML 5				
MPEG-4	H.264, x.264	AAC, AACPlus	In	Out
WebM	VP8, VP9	Vorbis	In	Out
M4A		AAC, AACPlus	In	Out
MKV				
No Constraint	H.264, x264, VP8, VP9, Sorenson MPEG-4	AAC, MP3, Vorbis, Linear PCM	In	Out
No Constraint	H.265, x265	AAC, AACPlus	In	
MP3	—	MP3	In	Out
MPEG-1 and 2				
No Constraint	MPEG-1, MPEG-2, H.264, x264, x265	AAC, AACPlus, LPCM, MPEG Layer 1, MPEG Layer 2	In	Out
ATSC SD & HD	MPEG-2	AAC, AACPlus, AC3, MPEG Layer 1, MPEG Layer 2	In	Out
AVCHD	H.264, x264	AAC, AACPlus, AC3	In	Out
Blu-ray Disc (SD) & (HD)	MPEG-2, H.264, x264	AAC, AACPlus, AC3, 302M PCM, MPEG Layer 1, MPEG Layer 2	In	Out
CableLabs SD, HD 720, HD 1080	MPEG-2	AAC, AACPlus, AC3, MPEG Layer 1, MPEG Layer 2	In	Out

Digital Signage	MPEG-2, H.264, x264	AAC, AACPlus, AC3	In	Out
DVB HD & SD	MPEG-2	AAC, AACPlus, AC3, MPEG Layer 1, MPEG Layer 2	In	Out
DVD, DVD DVR, DVHS	MPEG-1, MPEG-2	AAC, AACPlus, AC3, DVD LPCM, MPEG Layer 1, MPEG Layer 2	In	Out
HDV HD2	MPEG-2	AAC, AACPlus, MPEG Layer 2	In	Out
IMX 25MB	MPEG-2	AAC, AACPlus, MPEG Layer 1, MPEG Layer 2	In	Out
MDV HD1	MPEG-2	AAC, AACPlus, MPEG Layer 1, MPEG Layer 2	In	Out
MMV	MPEG-2	AAC, AACPlus, MPEG Layer 1, MPEG Layer 2	In	Out
SVCD	MPEG-2	AAC, AACPlus, MPEG Layer 1, MPEG Layer 2	In	Out
VCD	MPEG-1	AAC, AACPlus, MPEG Layer 1, MPEG Layer 2	In	Out
MPEG-4				
No Constraint	H.264, x264, x265, Sorenson MPEG-4	AAC, AACPlus, AMR-NB	In	Out
3GPP	Sorenson MPEG-4	AAC, AACPlus, AMR-NB	In	Out
3GPP2	Sorenson MPEG-4	AAC, AACPlus, AMR-NB	In	Out
Adobe Flash 9+	H.264, x264	AAC, AACPlus	In	Out
Blu-Ray Disc HD/SD	H.264, x264	AAC	In	Out
MPEG Program	MPEG-1	MPEG-1	In	Out
MPEG Transport				
	H.264	AC3	In	Out
	MPEG-2	MPEG-2	In	Out
	H.264	AAC	In	Out
MXF OP1a	MPEG-2	PCM	In	Out
MXF OP-Atom	DNxHD	LPCM		Out
OGG	—	Vorbis		Out
OGG	Theora	Vorbis	In	
OGV	Theora	Vorbis	In	
QuickTime* (audio and video codec combinations listed below this table)				
WebM				
	VP8	Vorbis	In	Out
	VP9	Vorbis	In	Out
Windows Media				
No Constraint	WM Screen V9, WM Video 7, WM Video V8, WM Video V9, WM Video V9 Advanced	WM Audio Voice 9, WM Audio 9.2, WM Audio 10 Professional	In	Out
Blu-ray Disc HD/SD	VC-1	AC3	In	Out
WMV	VC-1	WM Audio	In	Out

QuickTime Codecs

The Squeeze encoding engine supports different codecs with the QuickTime format, these audio and video filters can be combined in many different configurations. Below we list the available audio and video codecs that can be used within Squeeze Server.

Audio Codecs

AAC, a-Law 2:1, Apple Lossless, iLBC, IMA 4:1, Linear PCM, MP3, Qualcomm PureVoice, μ -Law 2:1

Video Codecs

Apple Animation, Apple BMP, Apple Component Video – YUV422, Apple Graphics, Apple MPEG4 Compressor, Apple None, Apple Planar RGB, Apple PNG, Apple ProRes (Input Only), Apple TGA, Apple TIFF, Apple Video, Cinepak, DV/DVCPRO – NTSC, DV25, DVCPRO 25, DVCPRO50, DVCPRO HD, DV –PAL, DVCPRO – PAL, H.261, H.263, H.264, HDV (Input Only), Motion JPEG A, Motion JPEG B, MPEG-4, RAW (Input Only), Photo - JPEG, JPEG 2000, SV1 (Input Only), SV2 (Input Only), SV3, XDCAM (Input Only), x264, XDCAM HD (Input Only), XDCAM HD 422 (Input Only), XDCAM EX (Input Only), YCbCr (Input Only)

*Additional codec support available if user installs specific codec packs.

Support Workflows

The following table lists the workflows supported by Squeeze Server. Workflows range from targeted devices and audiences to publishing destinations and delivery medium.

Workflow	Preset Type
Broadcast	HDTV
Devices	Apple Devices (iPod, iPhone, iPad, Apple TV) Hybrid (Apple/Android/Connected Devices) Digital Signage (H.264, MPEG 2) Gaming (Wii)
Discs	Blu-ray (MPEG 2, AVC, VC-1) DVD (MPEG 2 Program)
Editing	DNxHD DV HDV Offline Editing (Motion JPEG) ProRes
Web	Adaptive Bitrate (Apple, Adobe, Microsoft, DASH) HTML5 Squeeze Stream (formerly known as Sorenson 360) YouTube Progressive Download

