



Enhanced eBooks: Spec Cheat Sheet

	Amazon Specs	iBookstore Specs	B&N Specs
Max File Size		2GB, 200 MB max size recommended	600mb
Max File Size, per media	650mb for total maximum A/V file size		
Video	Supported on Kindle apps, not on Fire.	Supported	Supported on Nook Color, Nook Tablet and Nook apps.
	H.264	H.264	H.264
	MPEG-2	MPEG-4	
	MP4	.m4v (.mp4 is allowed, but less preferable)	.3gp / .3g2 / .mp4
Video dimensions	Widescreen: 704x396 (or any other widescreen ratio); Full screen: 640x480	4:3 640 x 480 16:9 640 x 360 Content may be matted: letterbox, pillar-box, or window box	176x144 up to 854X480
In-video Audio			
Encode	MP3	AAC	AAC LC / LTP OR AAC HeV1 / HeV2
Mono/Stereo		Stereo required	
Bit-rate	256 kbps or higher recommended	256 kbps	Audio up to 320kbps for AAC Playback support up to 30 fps.
Sample rate	Audio Sample Rate 48 kHz (recommended)	All audio files need to be the same sample rate.	
Additional video specs	Must include a caption and video time	Poster image: Approximately 150px tall by 300px wide. Same aspect ratio as the video, 300KB recommended maximum file size. All videos must begin and end with at least one black frame.	
Audio			
Extension	.mp3	.m4a	mp4, mp3, wav, ogg, aac
Encoding	MP3	AAC/MP4	mp4 = AAC LC/LTP HE-AACv1 (AAC+) HE-AACv2 (Enhanced AAC+) acc = AAC LC/LTP HE-AACv1 (AAC+) HE-AACv2 (eAAC+) Compressed only
Mono/Stereo	Stereo	Stereo	Mono/Stereo
Bit-rate	Recommended between 128kbps and 256kbps (maximum supported by Kindle is 320 kbps at variable bit rate)	256 kbps	max 320kbps sampling rates from 8 to 48kHz



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Cover	Preferred: JPEG 600x800. Covers less than 500px on small side will be ignored. Internal cover image required and must not appear twice	TIF/PNG/JPG, at least 600px along larger axis.	
Image File Support	Kindle platform supports GIF, BMP, JPEG, PNG images in your content. Recommended 300dpi resolution to future-proof your image content for display.	tif: 32-bit uncompressed jpg png	<ul style="list-style-type: none">• gif• jpg• png
Color	Use color images whenever possible and relevant.	RGB only	RGB only
Transparent images	No transparent PNGs	Transparencies in PNG only	
SVG	Kindle does not support vector graphics (SVG) or SVG “wrappers” around image files.	To ensure proper viewing of images in content, use the HTML img tag instead of wrapping images in svg:img.	Yes
Size	Photographs should use the JPEG format with a quality factor of 40 or higher, at least 600x800 pixels in size Photographs of less than 300x400 pixels are too small and can be rejected.	The maximum recommended size is 2 million pixels per image	Maximum image size 600x941
Embedding Fonts	Yes - OTF and TTF - NO Postscript.	Yes	Yes
Font Encryption	Yes - Done automatically by kindlegen	No	Yes, with Adobe DRM
Font Obfuscation		Supported	Supported
Vendor applied DRM	Yes	Yes - but not to audio, video, PDF and fonts	All text/images have DRM, audio, video, PDF, or fonts
File Types	.mobi, .kf8	epub	epub
JavaScript Support	No	Limited	No