

## Supported Media Types on BlackBerry Smartphones





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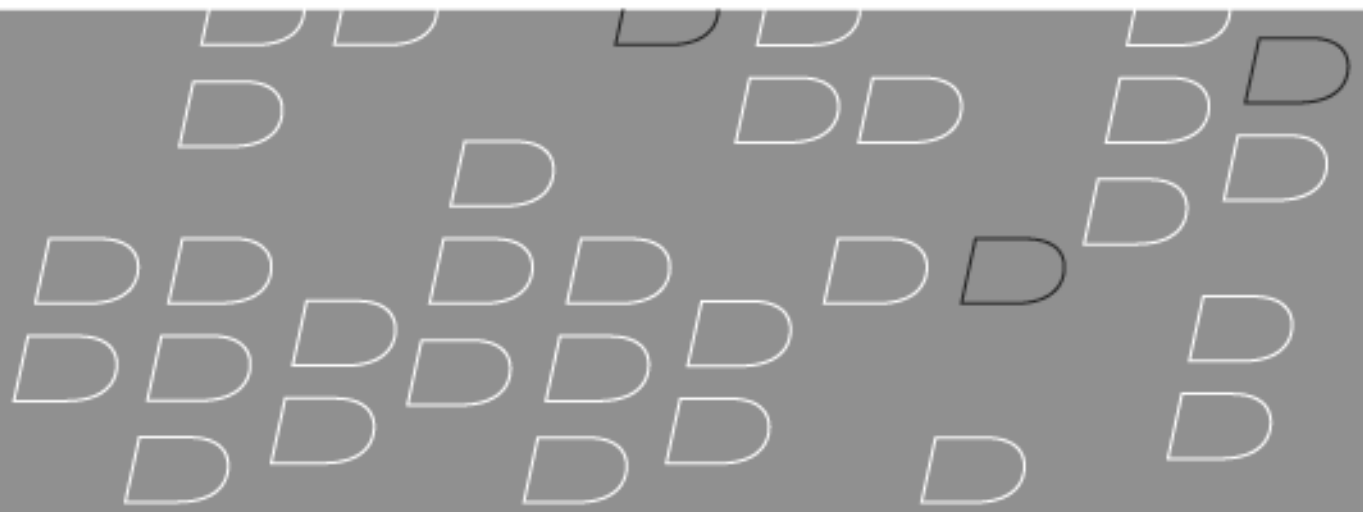
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## **Supported Media Types on BlackBerry Smartphones**

In the Media application on the BlackBerry® smartphone, you can open media files such as videos, ring tones, pictures, and songs that are stored on the BlackBerry smartphone built-in memory, flash memory, or on a media card.

The following tables list the codecs that are recommended and the codecs that are supported for video formats and audio formats on BlackBerry smartphones, as well as whether RTSP streaming is supported using that file format.



RTSP streaming requires BlackBerry® Device Software 4.3 and later.

*Note*

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## BlackBerry Pearl 9100 smartphone

## BlackBerry Pearl 9105 smartphone

Supported media formats on the BlackBerry Pearl 9100 smartphone, and BlackBerry Pearl 9105 smartphone

File format	Component	Codec	Notes	RTSP streaming
MP4 M4A MOV 3GP	Video	H.264	Baseline profile, 480 x 360 pixels, up to 2 Mbps, 30 frames per second	Supported
		MPEG-4	Simple and advance simple profile, 480 x 360 pixels, up to 2 Mbps, 30 frames per second	Supported
		H.263	Profile 0 and 3, Level 30	Supported
	Audio	AAC-LC, AAC+, eAAC+		Supported
		AMR-NB		Supported
AVI	Video	MPEG-4	Simple and advance simple profile, 480 x 360 pixels, up to 2 Mbps, 30 frames per second	Supported
	Audio	MP3		
ASF WMV WMA	Video	Windows Media® Video 9	Profile, 480 x 360 pixels, up to 2 Mbps, 30 frames per second	
	Audio	Windows Media Audio 9 and Windows Media Audio 9 Professional		
		Windows Media Audio 10 and Windows Media Audio 10 Professional		
MP3	Audio	MP3		

**Recommended video format for local playback on the BlackBerry Pearl 9100 smartphone and the BlackBerry Pearl 9105 smartphone**

<b>File format</b>	<b>Component</b>	<b>Codec</b>	<b>Notes</b>
MP4	Video	H.264	Baseline profile, 480 x 360 pixels, up to 2 Mbps, 30 frames per second
	Audio	AAC-LC	

## BlackBerry Bold 9650 smartphone

### Supported media formats on the BlackBerry Bold 9650 smartphone

File format	Component	Codec	Notes	RTSP streaming
MP4 M4A 3GP 3GP2	Video	H.264	Baseline profile, 480 x 360 pixels, up to 2 Mbps, 30 frames per second	Supported
		MPEG-4	Simple profile level 3, 480 x 360 pixels, up to 2 Mbps, 30 frames per second	Supported
		H.263	Profile 0 and 3, level 30, 480 x 360 pixels, up to 2 Mbps, 30 frames per second	Supported
	Audio	AAC-LC, AAC+, eAAC+		Supported
		AMR-NB		Supported
		QCELP EVRC		
AVI	Video	MPEG-4	Simple profile level 3, 480 x 360 pixels, up to 2 Mbps, 30 frames per second	Supported
	Audio	MP3		
ASF WMV WMA	Video	Windows Media Video 9	WMV3, simple profile, 480 x 360 pixels, 30 frames per second	
	Audio	Windows Media Audio 9		Supported
		Windows Media Audio 10 and Windows Media Audio 10 Professional		Supported
MP3	Audio	MP3		

**Recommended video format for local playback on the BlackBerry Bold 9650 smartphone**

File format	Component	Codec	Notes
MP4	Video	H.264	Baseline profile, 480 x 360 pixels, up to 2 Mbps, 30 frames per second
	Audio	AAC-LC	

## BlackBerry Bold 9700 smartphone

### Supported media formats on the BlackBerry Bold 9700 smartphone

File format	Component	Codec	Notes	RTSP streaming
MP4 M4A MOV 3GP	Video	H.264	Baseline profile, 480 x 360 pixels, up to 2 Mbps, 30 frames per second	Supported
		MPEG-4	Simple and advance simple profile, 480 x 360 pixels, up to 2 Mbps, 30 frames per second	Supported
		H.263	Profile 0 and 3, Level 45	Supported
	Audio	AAC-LC, AAC+, eAAC+		Supported
		AMR-NB		Supported
AVI	Video	MPEG-4	Simple and advance simple profile, 480 x 360 pixels, up to 2 Mbps, 30 frames per second	Supported
	Audio	MP3		
ASF WMV WMA	Video	Windows Media® Video 9	Profile, 480 x 360 pixels, up to 2 Mbps, 30 frames per second	
	Audio	Windows Media Audio 9 and Windows Media Audio 9 Professional		
		Windows Media Audio 10 and Windows Media Audio 10 Professional		
MP3	Audio	MP3		

**Recommended video format for local playback on the BlackBerry Bold 9700 smartphone**

File format	Component	Codec	Notes
MP4	Video	MPEG-4	Advance simple profile, 480 x 360 pixels, up to 2 Mbps, 30 frames per second
	Audio	AAC-LC	



## BlackBerry Tour 9630 smartphone

## BlackBerry Storm2 9520 smartphone

## BlackBerry Storm2 9550 smartphone

Supported media formats on the BlackBerry Tour 9630 smartphone, BlackBerry Storm2 9520 smartphone, and BlackBerry Storm2 9550 smartphone

File format	Component	Codec	Notes	RTSP streaming
MP4 M4A 3GP 3GP2	Video	H.264	Baseline profile, 480 x 360 pixels, up to 2 Mbps, 30 frames per second	Supported
		MPEG-4	Simple profile level 3, 480 x 360 pixels, up to 2 Mbps, 30 frames per second	Supported
		H.263	Profile 0 and 3, level 30, 480 x 360 pixels, up to 2 Mbps, 30 frames per second	Supported
	Audio	AAC-LC, AAC+, eAAC+		Supported
		AMR-NB		Supported
		QCELP EVRC		
AVI	Video	MPEG-4	Simple profile level 3, 480 x 360 pixels, up to 2 Mbps, 30 frames per second	Supported
	Audio	MP3		
ASF WMV WMA	Video	Windows Media Video 9	WMV3, simple profile, 480 x 360 pixels, 30 frames per second	
	Audio	Windows Media Audio 9		Supported
		Windows Media Audio 10 and Windows Media Audio 10 Professional		Supported
MP3	Audio	MP3		

**Recommended video format for local playback on the BlackBerry Tour 9630 smartphone, BlackBerry Storm2 9520 smartphone, and BlackBerry Storm2 9550 smartphone**

File format	Component	Codec	Notes
MP4	Video	H.264	Baseline profile, 480 x 360 pixels, up to 2 Mbps, 30 frames per second
	Audio	AAC-LC	

## BlackBerry Storm 9500 smartphone

## BlackBerry Storm 9530 smartphone

Supported media formats on the BlackBerry Storm 9500 smartphone and BlackBerry Storm 9530 smartphone

File format	Component	Codec	Notes	RTSP streaming
MP4 M4A 3GP 3GP2	Video	H.264	Baseline profile, 480 x 360 pixels, up to 2 Mbps, 30 frames per second	Supported
		MPEG-4	Simple profile level 3, 480 x 360 pixels, up to 2 Mbps, 30 frames per second	Supported
		H.263	Profile 0 and 3, level 30	Supported
	Audio	AAC-LC, AAC+, eAAC+		Supported
		AMR-NB		Supported
		QCELP EVRC		
AVI	Video	MPEG-4	Simple profile level 3, 480 x 360 pixels, up to 2 Mbps, 30 frames per second	Supported
	Audio	MP3		
ASF WMV WMA	Video	Windows Media Video 9	WMV3, simple profile, 480 x 360 pixels, 30 frames per second	
	Audio	Windows Media Audio9		Supported
		Windows Media Audio 10 and Windows Media Audio 10 Professional		Supported
MP3	Audio	MP3		

**Recommended video format for local playback on the BlackBerry Storm 9500 smartphone and BlackBerry Storm 9530 smartphone**

File format	Component	Codec	Notes
MP4	Video	H.264	Baseline profile, 480 x 360 pixels, up to 2 Mbps, 30 frames per second
	Audio	AAC-LC	

## BlackBerry Curve 8900 smartphone

## BlackBerry Curve 8520 smartphone

Supported media formats on the BlackBerry Curve 8900 smartphone and BlackBerry Curve 8520 smartphone

File format	Component	Codec	Notes	RTSP streaming
MP4 M4A MOV 3GP	Video	H.264	Baseline profile, 480 x 360 pixels, up to 1500 kbps, 24 frames per second	Supported
		MPEG-4	Simple and advance simple profile, 480 x 360 pixels, up to 1500 kbps, 24 frames per second	Supported
		H.263	Profile 0 and 3, level 45	Supported
	Audio	AAC-LC, AAC+, eAAC+		Supported
		AMR-NB		Supported
AVI	Video	MPEG-4	Simple and advance simple profile, 480 x 360 pixels, up to 1500 kbps, 24 frames per second	Supported
	Audio	MP3		
ASF WMV WMA	Video	Windows Media Video 9	WMV3, simple and main profile, 480 x 360 pixels, 24 frames per second	
	Audio	Windows Media Audio 9 and Windows Media Audio 9 Professional		
		Windows Media Audio 10 and Windows Media Audio 10 Professional		
	MP3	MP3		

**Recommended video format for local playback on the BlackBerry Curve 8900 smartphone and BlackBerry Curve 8520 smartphone**

File format	Component	Codec	Notes
MP4	Video	MPEG-4	Advance simple profile, 480 x 360 pixels, up to 1500 kbps, 24 frames per second
	Audio	AAC-LC	

## BlackBerry Bold 9000 smartphone

### Supported media formats on the BlackBerry Bold 9000 smartphone

File format	Component	Codec	Notes	RTSP streaming
MP4 M4A MOV 3GP	Video	H.264	Baseline profile, 480 x 320 pixels, up to 1500 kbps, 24 frames per second	Supported
		MPEG-4	Simple and advance simple profile, 480 x 320 pixels, up to 1500 kbps, 24 frames per second	Supported
		H.263	Profile 0 and 3, level 45	Supported
	Audio	AAC-LC, AAC+, eAAC+		Supported
		AMR-NB		Supported
AVI	Video	MPEG-4	Simple and advance simple profile, 480 x 320 pixels, up to 1500 kbps, 24 frames per second	Supported
	Audio	MP3		
ASF WMV WMA	Video	Windows Media Video 9	WMV3, simple and main profile, 480 x 320 pixels, 24 frames per second	
	Audio	Windows Media Audio 9 and Windows Media Audio 9 Professional		
		Windows Media Audio 10 and Windows Media Audio 10 Professional		
MP3	Audio	MP3		

**Recommended video format for local playback on the BlackBerry Bold 9000 smartphone**

File format	Component	Codec	Notes
MP4	Video	MPEG-4	Advance simple profile, 480 x 320 pixels, up to 1500 kbps, 24 frames per second
	Audio	AAC-LC	



## BlackBerry Pearl 8100 smartphone

## BlackBerry Pearl 8110 smartphone

## BlackBerry Pearl 8120 smartphone

## BlackBerry Pearl Flip 8220 smartphone

Supported media formats on the BlackBerry Pearl 8100 smartphone, BlackBerry Pearl 8110 smartphone, BlackBerry Pearl 8120 smartphone, and BlackBerry Pearl Flip 8220 smartphone

File format	Component	Codec	Notes	RTSP streaming
MP4 M4A	Video	MPEG-4	Simple profile, 240 x 320 pixels, up to 768 kbps, 24 frames per second	Supported
		H.263	Profile 0 and 3, level 45	Supported
MOV 3GP	Audio	AAC-LC, AAC+, eAAC+		Supported
		AMR-NB		Supported
AVI	Video	MPEG-4	Simple and advance simple profile, 240 x 320 pixels, up to 768 kbps, 24 frames per second	Supported
	Audio	MP3		
ASF WMV WMA	Video	Windows Media Video 9	WMV3, simple profile, 240 x 320 pixels, 24 frames per second	
	Audio	Windows Media Audio 9 and Windows Media Audio 9 Professional		
Windows Media Audio 10 and Windows Media Audio 10 Professional				
MP3	Audio	MP3		

**Recommended video format for local playback on the BlackBerry Pearl 8100 smartphone, BlackBerry Pearl 8110 smartphone, BlackBerry Pearl 8120 smartphone, and BlackBerry Pearl Flip 8220 smartphone running BlackBerry Device Software 4.5**

File format	Component	Codec	Notes
MP4	Video	MPEG-4	Simple profile, 240 x 320 pixels, up to 768 kbps, 24 frames per second
	Audio	AAC-LC	

**Recommended video format for local playback on the BlackBerry Pearl 8100 smartphone, BlackBerry Pearl 8110 smartphone, BlackBerry Pearl 8120 smartphone, and BlackBerry Pearl 8220 smartphone running BlackBerry Device Software 4.2 to 4.3**

File format	Component	Codec	Notes
AVI	Video	MPEG-4	Simple profile, 240 x 320 pixels, up to 768 kbps, 24 frames per second
	Audio	MP3	

**BlackBerry Curve 8300 smartphone**  
**BlackBerry Curve 8310 smartphone**  
**BlackBerry Curve 8320 smartphone**  
**BlackBerry Curve 8350i smartphone**  
**BlackBerry 8800 smartphone**  
**BlackBerry 8820 smartphone**

Supported media formats on the BlackBerry Curve 8300 smartphone, BlackBerry Curve 8310 smartphone, BlackBerry Curve 8320 smartphone, BlackBerry Curve 8350i smartphone, BlackBerry 8800 smartphone, and BlackBerry 8820 smartphone

File format	Component	Codec	Notes	RTSP streaming
MP4	Video	MPEG-4	Simple profile, 320 x 240 pixels, up to 768 kbps, 24 frames per second	Supported
M4A		H.263	Profile 0 and 3, level 45	Supported
MOV	Audio	AAC-LC, AAC+, eAAC+		Supported
3GP		AMR-NB		Supported
AVI	Video	MPEG-4	Simple and advance simple profile, 320 x 240 pixels, up to 768 kbps, 24 frames per second	Supported
	Audio	MP3		

**Supported media formats on the BlackBerry Curve 8300 smartphone, BlackBerry Curve 8310 smartphone, BlackBerry Curve 8320 smartphone, BlackBerry Curve 8350i smartphone, BlackBerry 8800 smartphone, and BlackBerry 8820 smartphone**

File format	Component	Codec	Notes	RTSP streaming
ASF WMV WMA	Video	Windows Media Video 9	WMV3, simple profile, 320 x 240 pixels, 24 frames per second	
	Audio	Windows Media Audio 9 and Windows Media Audio 9 Professional		
		Windows Media Audio 10 and Windows Media Audio 10 Professional		
MP3	Audio	MP3		

**Recommended video format for local playback on the BlackBerry Curve 8300 smartphone, BlackBerry Curve 8310 smartphone, BlackBerry Curve 8320 smartphone, BlackBerry Curve 8350i smartphone, BlackBerry 8800 smartphone, and BlackBerry 8820 smartphone running BlackBerry Device Software 4.5**

File format	Component	Codec	Notes
MP4	Video	MPEG-4	Simple profile, 320 x 240 pixels, up to 768 kbps, 24 frames per second
	Audio	AAC-LC	

**Recommended video format for local playback on the BlackBerry Curve 8300 smartphone, BlackBerry Curve 8310 smartphone, BlackBerry Curve 8320 smartphone, BlackBerry Curve 8350i smartphone, BlackBerry 8800 smartphone, and BlackBerry 8820 smartphone running BlackBerry Device Software 4.2 to 4.3**

File format	Component	Codec	Notes
AVI	Video	MPEG-4	Simple profile, 320 x 240 pixels, up to 768 kbps, 24 frames per second
	Audio	MP3	



## BlackBerry Pearl 8130 smartphone

### Supported media formats on the BlackBerry Pearl 8130 smartphone

File format	Component	Codec	Notes	RTSP streaming
MP4 3GP	Video	MPEG-4	Simple profile, 240 x 320 pixels, up to 768 kbps, 24 frames per second	Supported
		H.263	Profile 0 and 3, level 45	Supported
	Audio	AAC-LC, AAC+, eAAC+		Supported
		AMR-NB		Supported
ASF WMV WMA	Video	Windows Media Video 9	WMV3, simple profile, 240 x 320 pixels, 24 frames per second	
	Audio	Windows Media Audio 9 and Windows Media Audio 9 Professional		
		Windows Media Audio 10 and Windows Media Audio 10 Professional		
MP3	Audio	MP3		

### Recommended video format for local playback on the BlackBerry Pearl 8130 smartphone

File format	Component	Codec	Notes
MP4	Video	MPEG-4	Simple profile, 240 x 320 pixels, up to 384 kbps, 24 frames per second
	Audio	AAC-LC	

## BlackBerry Curve 8330 smartphone

## BlackBerry 8830 World Edition smartphone

Supported media formats on the BlackBerry Curve 8330 smartphone and BlackBerry 8830 World Edition smartphone

File format	Component	Codec	Notes	RTSP streaming
MP4	Video	MPEG-4	Simple profile, 320 x 240 pixels, up to 768 kbps, 24 frames per second	Supported
		H.263	Profile 0 and 3, level 45	Supported
3GP	Audio	AAC-LC, AAC+, eAAC+		Supported
		AMR-NB		Supported
ASF WMV WMA	Video	Windows Media Video 9	WMV3, simple profile, 320 x 240 pixels, 24 frames per second	
	Audio	Windows Media Audio 9 and Windows Media Audio 9 Professional		
		Windows Media Audio 10 and Windows Media Audio 10 Professional		
MP3	Audio	MP3		

**Recommended video format for local playback on the BlackBerry Curve 8330 smartphone and BlackBerry 8830 World Edition smartphone**

File format	Component	Codec	Notes
MP4	Video	MPEG-4	Simple profile, 320 x 240 pixels, up to 768 kbps, 24 frames per second
	Audio	AAC-LC	





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# Acronym list

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## A

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### **AMR-NB**

Adaptive Multi-Rate Narrow  
Band

## E

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### **EVRC**

Enhanced Variable Rate  
Codec

## M

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### **MPEG**

Moving Picture Experts  
Group

## Q

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### **QCELP EVRC**

Qualcomm Code Excited  
Linear Prediction EVRC

## R

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### **RTSP**

Real Time Streaming Protocol



