



Nvidia Shield Android TV



Roku Express



TiVo BOLT+
TCD849300



Apple TV (4th
Generation)



Amazon Fire TV 2015
(2nd Generation)



Roku Ultra

Form Factor[®]

Set-top Box

Set-top Box

Set-top Box

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Set-top Box

Features

✓ AirPlay
✓ Voice Control
✓ Full Web Browser
✓ Screencasting

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Operating System

Android

Roku OS

—

tvOS

Proprietary OS

Roku OS

Website

shield.nvidia.com

roku.com

tivo.com

—

amazon.com

roku.com

MSRP[®]

\$200

\$30

\$500

\$149

\$100

\$140

Price on Amazon

\$200

\$30

\$499.98

\$149

\$89.99

\$140

Media Sources

Streaming Content

The **most important factor** when choosing between streaming devices is figuring out which option best fits your entertainment needs. If you want your device to stream content from another device you own, be sure it's supported below.

Almost all streaming devices support the most popular options, like Netflix, Amazon Instant Video, and Hulu Plus. If you want to "cut the cord" and get rid of your traditional television connection, but you still want access to stations of your choosing, make sure they're covered in the supported list of the device you're considering.

Compatible Stream Devices [ⓘ]

✔ Personal Computer	✗ Personal Computer	✔ Personal Computer	✔ Personal Computer	✗ Personal Computer	✗ Personal Computer
✔ Smartphone	✔ Smartphone	✔ Smartphone	✔ Smartphone	✔ Smartphone	✔ Smartphone
✔ Tablet	✔ Tablet	✔ Tablet	✔ Tablet	✔ Tablet	✔ Tablet

Movies and TV [ⓘ]

✔ Amazon Instant Video	✔ Amazon Instant Video	✔ Amazon Instant Video	✔ Amazon Instant Video	✔ Amazon Instant Video	✔ Amazon Instant Video
✔ CinemaNow	✗ CinemaNow	✗ CinemaNow	✗ CinemaNow	✗ CinemaNow	✗ CinemaNow
✔ Crackle	✔ Crackle	✗ Crackle	✗ Crackle	✗ Crackle	✔ Crackle
✔ Sling TV	✔ Sling TV	✗ Sling TV	✗ Sling TV	✗ Sling TV	✗ Sling TV
✔ Hulu	✔ Hulu	✔ Hulu	✔ Hulu	✔ Hulu	✔ Hulu
✔ Netflix	✔ Netflix	✔ Netflix	✔ Netflix	✔ Netflix	✔ Netflix

News and Weather

✗ Sky News	✔ Sky News	✗ Sky News	✗ CNN	✔ CNN	✔ Sky News
✔ NBC News	✔ NBC News	✗ NBC News	✗ NBC News	✔ NBC News	✗ NBC News

Online Video [ⓘ]

✔ Plex	✗ Plex	✔ Plex	✗ Plex	✗ Plex	✗ Plex
✔ YouTube	✔ YouTube	✔ YouTube	✗ YouTube	✔ YouTube	✔ YouTube

Sports

✔ MLB.TV	✗ MLB.TV	✗ MLB.TV	✔ MLB.TV	✗ MLB.TV	✗ MLB.TV
✔ NBA Game Time	✗ NBA Game Time	✗ NBA Game Time	✗ NBA Game Time	✔ NBA Game Time	✗ NBA Game Time

TV Channels [Ⓢ]

✓ FOX NOW	✓ FOX NOW	✗ FOX NOW	✗ FOX NOW	✗ FOX NOW	✗ FOX NOW
✓ HBO GO	✗ HBO GO	✓ HBO GO	✓ HBO GO	✓ HBO GO	✗ HBO GO
✓ HBO Now (Standalone)	✓ HBO Now (Standalone)	✗ HBO Now (Standalone)	✓ HBO Now (Standalone)	✗ HBO Now (Standalone)	✓ HBO Now (Standalone))
✗ PBS	✓ PBS	✗ PBS	✗ HISTORY	✓ HISTORY	✓ PBS
✓ PBS KIDS	✗ PBS KIDS	✗ PBS KIDS	✗ PBS KIDS	✗ PBS KIDS	✗ PBS KIDS
✓ Redbull TV	✗ Redbull TV	✗ Redbull TV	✗ Redbull TV	✗ Redbull TV	✗ Redbull TV
✓ Sling TV	✓ Sling TV	✗ Sling TV	✗ Sling TV	✓ Sling TV	✓ Sling TV
✓ Showtime Anytime	✓ Showtime Anytime	✓ Showtime Anytime	✗ Showtime Anytime	✗ Showtime Anytime	✓ Showtime Anytime
✗ A&E	✗ A&E	✗ A&E	✗ A&E	✓ A&E	✗ A&E
✗ Cartoon Network	✗ Cartoon Network	✗ Cartoon Network	✗ Cartoon Network	✓ Cartoon Network	✗ Cartoon Network
✗ HISTORY	✗ HISTORY	✗ HISTORY	✗ HISTORY	✓ HISTORY	✗ HISTORY

Music [Ⓢ]

✓ iHeartRadio	✗ iHeartRadio	✓ iHeartRadio	✗ iHeartRadio	✓ iHeartRadio	✗ iHeartRadio
✓ Pandora	✗ Pandora	✓ Pandora	✗ Pandora	✗ Pandora	✗ Pandora
✓ Spotify	✗ Spotify	✓ Spotify	✗ Spotify	✓ Spotify	✓ Spotify
✓ VEVO	✗ VEVO	✗ VEVO	✗ VEVO	✗ VEVO	✓ VEVO
✓ YouTube	✓ YouTube	✓ YouTube	✗ YouTube	✓ YouTube	✓ YouTube
✓ Deezer	✗ Deezer	✗ Deezer	✗ Deezer	✗ Deezer	✗ Deezer
✗ Deezer Premium	✗ Deezer Premium	✗ Deezer Premium	✗ Deezer Premium	✗ Deezer Premium rium	✗ Deezer Premium
✗ Live365	✗ Live365	✗ Live365	✗ Live365	✗ Live365	✗ Live365
✗ Live365 VIP	✗ Live365 VIP	✗ Live365 VIP	✗ Live365 VIP	✗ Live365 VIP	✗ Live365 VIP

Social Networking [Ⓢ]

✗ Facebook	✓ Facebook	✗ Facebook	✓ Facebook	✗ Facebook	✓ Facebook
✗ Flickr	✗ Flickr	✗ Flickr	✗ Flickr	✗ Flickr	✗ Flickr

Photo Sharing [Ⓢ]

✗ Flickr	✗ Flickr	✗ Flickr	✗ Flickr	✗ Flickr	✗ Flickr
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Supported File Formats

Audio ⁹

✓ AAC	✓ AAC	✓ AAC	✗ AAC	✗ AAC
✗ AC-3	✓ AC-3	✗ AC-3	✓ AC-3	✓ AC-3
✗ ASF	✓ ASF	✗ ASF	✗ ASF	✓ ASF
✓ DTS	✓ DTS	✗ DTS	✗ DTS	✓ DTS
✓ FLAC	✓ FLAC	✗ FLAC	✓ FLAC	✓ FLAC
✓ MP3	✓ MP3	✓ MP3	✓ MP3	✓ MP3
✓ Ogg Vorbis	✗ Ogg Vorbis	✗ Ogg Vorbis	✓ Ogg Vorbis	✗ Ogg Vorbis
✓ PCM	✓ PCM	✗ PCM	✓ PCM	✓ PCM
✗ WAV	✓ WAV	✓ WAV	✗ WAV	✓ WAV
✓ WMA	✓ WMA	✗ WMA	✗ WMA	✓ WMA

Video

✗ AVC	✓ AVC	✗ AVC	✗ AVC	✓ AVC
✓ H.264	✓ H.264	✓ H.264	✓ H.264	✓ H.264
✓ MKV	✓ MKV	✗ MKV		✓ MKV
✓ MOV	✓ MOV	✓ MOV		✓ MOV
✓ MPEG-1	✓ MPEG-1			✗ MPEG-1
✓ MPEG-2	✓ MPEG-2			✗ MPEG-2
✓ MPEG-4	✓ MPEG-4			✓ MPEG-4
✓ VP9	✓ VP9			✓ VP9
✓ WMV9	✗ WMV9			✗ WMV9
✓ XviD	✗ XviD			✗ XviD

Image

✗ GIF	✓ GIF	✗ GIF	✓ GIF	✓ GIF
✗ JPEG	✓ JPEG	✗ JPEG	✓ JPEG	✓ JPEG
✗ PNG	✓ PNG	✗ PNG	✓ PNG	✓ PNG

Video Output

Video Output

1080p resolution is the current standard resolution for streaming media players. Consumers can save some money by opting for a model that supports 720p, but you'll notice the difference in resolution unless you're viewing video on a small or low quality display.

Output Resolutions ⓘ

✓ 4K	✗ 4K	✓ 4K	✓ 4K	✓ 4K	✓ 4K
✓ 1080p	✓ 1080p	✓ 1080p	✓ 1080p	✓ 1080p	✓ 1080p
✓ 1080i	✗ 1080i	✓ 1080i	✗ 1080i	✗ 1080i	✗ 1080i
✓ 720p	✓ 720p	✓ 720p	✗ 720p	✓ 720p	✓ 720p
✓ 480i	✗ 480i	✓ 480i	✗ 480i	✗ 480i	✗ 480i
✓ 480p	✗ 480p	✓ 480p	✗ 480p	✗ 480p	✗ 480p

Audio Output

Audio Support

✓ 7.1 Surround	✗ 7.1 Surround	✗ 7.1 Surround	✗ 7.1 Surround	✓ 7.1 Surround	✗ 7.1 Surround
✓ 5.1 Surround	✗ 5.1 Surround	✗ 5.1 Surround	✗ 5.1 Surround	✓ 5.1 Surround	✗ 5.1 Surround

Audio Decoders

✓ Dolby Digital (Other)	✓ Dolby Digital (Other)	✗ Dolby Digital (Other)	✗ Dolby Digital (Other)	✓ Dolby Digital (5.1)	✓ Dolby Digital (Other)
✓ DTS	✗ DTS	✗ DTS	✗ DTS	✗ DTS	✓ DTS

Connectivity

Wireless Connectivity ⓘ

✔ Bluetooth	✘ Bluetooth	✘ Bluetooth	✔ Bluetooth	✔ Bluetooth	✘ Bluetooth
✔ Infrared	✔ Infrared	✘ Infrared	✔ Infrared	✘ Infrared	✔ Infrared
✘ Radio Frequency	✘ Radio Frequency	✔ Radio Frequency	✘ Radio Frequency	✘ Radio Frequency	✘ Radio Frequency
✔ Wi-Fi	✔ Wi-Fi	✔ Wi-Fi	✔ Wi-Fi	✔ Wi-Fi	✔ Wi-Fi

Wired Connectivity ⓘ

✘ Coax	✘ Coax	✔ Coax	✘ Coax	✘ Coax	✘ Coax
✘ eSATA	✘ eSATA	✔ eSATA	✘ eSATA	✘ eSATA	✘ eSATA
✔ Ethernet	✘ Ethernet	✔ Ethernet	✔ Ethernet	✔ Ethernet	✔ Ethernet
✔ microUSB	✔ microUSB	✘ microUSB	✔ microUSB	✘ microUSB	✘ microUSB
✘ Optical Audio	✘ Optical Audio	✔ Optical Audio	✘ Optical Audio	✘ Optical Audio	✔ Optical Audio
✘ RCA	✘ RCA	✔ RCA	✘ RCA	✘ RCA	✘ RCA
✔ USB 2.0	✘ USB 2.0	✔ USB 2.0	✘ USB 2.0	✔ USB 2.0	✔ USB 2.0
✔ HDMI	✔ HDMI	✔ HDMI	✔ HDMI	✔ HDMI	✔ HDMI

Wi-Fi Technology

✔ IEEE 802.11a/b/g/n	✘ IEEE 802.11a/b/g/n	✔ IEEE 802.11a/b/g/n	✘ IEEE 802.11a/b/g/n	✔ IEEE 802.11a/b/g/n	✘ IEEE 802.11a/b/g/n
✘ IEEE 802.11b/g/n	✔ IEEE 802.11b/g/n	✘ IEEE 802.11b/g/n	✘ IEEE 802.11b/g/n	✘ IEEE 802.11b/g/n	✘ IEEE 802.11b/g/n
✔ IEEE 802.11ac	✘ IEEE 802.11ac	✔ IEEE 802.11ac	✔ IEEE 802.11ac	✔ IEEE 802.11ac	✔ IEEE 802.11ac

Bluetooth Version

Bluetooth 4.1	—	—	Bluetooth 4.0	Bluetooth 4.1	—
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Control

Input Device Included

✔	✔	✔	✔	✔	✔
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Remote Features ⓘ

✔ Bluetooth	✘ Bluetooth	✘ Bluetooth	✔ Bluetooth	✔ Bluetooth	✘ Bluetooth
✔ Headphone Jack	✘ Headphone Jack	✘ Headphone Jack	✘ Headphone Jack	✘ Headphone Jack	✔ Headphone Jack
✔ Voice Control	✘ Voice Control	✘ Voice Control	✘ Voice Control	✔ Voice Control	✔ Voice Control

Input Device(s) ⓘ

✔ Game Controller	✘ Game Controller	✘ Game Controller	✘ Game Controller	✔ Game Controller	✔ Game Controller
✔ Keyboard	✘ Keyboard	✘ Keyboard	✘ Keyboard	✘ Keyboard	✘ Keyboard
✔ Proprietary Remote	✔ Proprietary Remote	✔ Proprietary Remote	✔ Proprietary Remote	✔ Proprietary Remote	✔ Proprietary Remote
✔ Smartphone	✔ Smartphone	✔ Smartphone	✔ Smartphone	✔ Smartphone	✔ Smartphone

▼ Misc Info

Warranty Details

1 year	1 year warranty	–	–	One year	1 Year
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In The Box

SHIELD Box, SHIELD controllers, HDMI cable, micro USB cable, power cord Owner's manual	Roku Express streaming player, Remote with channel shortcut buttons, Two AAA batteries, Removable adhesive strip, High Speed HDMI Cable, Power adapter & USB cable	TiVo BOLT+ Streaming Media Player, Remote Control, 2 x AA Batteries, Power Adapter, HDMI Cable	–	Amazon Fire TV Amazon Fire TV Voice Remote Power adapter 2 AAA batteries Quick Start Guide	Roku Ultra streaming player, Advanced remote, Headphones for private listening, Two AA batteries, Power adapter & USB cable
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Dimensions

2.5cm x 21.0cm x 13.0cm	1.7cm x 3.5cm x 8.3cm	4.6cm x 29.0cm x 18.5cm	–	1.8cm x 11.4cm x 11.4cm	2.0cm x 12.4cm x 12.4cm
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Weight

654 grams	37 grams	862 grams	–	270 grams	226 grams
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