

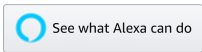
# EXHIBIT 22

Check if the device control features of this product are compatible with your TV, sound equipment, and cable/satellite box.

[Learn more about compatible devices](#)



Roll over image to zoom in



### Fire TV Cube, hands-free with Alexa and 4K Ultra HD, streaming media player

by Amazon  
 ★★★★★ 4,470 customer reviews | 1000+ answered questions  
 Amazon's Choice for "fire tv cube"

Price: **\$119.99** & **FREE Shipping**. [Details](#)

**In Stock.**

**Want it Wednesday, June 19?** Order within **10 hrs 2 mins** and choose **Two-Day Shipping** at checkout. [Details](#)  
Ships from and sold by Amazon Digital Services LLC.

Configuration: **Fire TV Cube**

- Fire TV Cube** **\$119.99**
- Fire TV Cube + Cloud Cam **\$199.98**

- Fire TV Cube is the first hands-free streaming media player with Alexa. From across the room, just ask Alexa to turn on the TV, dim the lights, and play what you want to watch.
- With far-field voice recognition, eight microphones, and beamforming technology, Fire TV Cube hears you from any direction. Enjoy hands-free voice control of content—search, play, pause, fast forward, and more. Plus control the power and volume on your TV, soundbar, and A/V receiver as well as change live cable or satellite channels with just your voice.
- Fire TV Cube has a built-in speaker that lets you check the weather, listen to the news, control compatible smart home devices, and more—even with the TV off. Fire TV Cube is always getting smarter with new Alexa skills and voice functionality.
- Experience true-to-life picture quality with access to vivid 4K Ultra HD up to 60 fps and HDR. Enjoy the audio clarity of Dolby Atmos on select Prime Video titles.
- Enjoy tens of thousands of channels, apps, and Alexa skills. Get over 500,000 movies and TV episodes from Netflix, Prime Video, Hulu, HBO, SHOWTIME, NBC, and more.
- Access YouTube, Facebook, Reddit, and more websites with Silk and Firefox browsers.
- An Amazon Prime membership unlocks thousands of movies and TV episodes including "Thursday Night Football" and Prime Originals like "The Big Sick" and "Sneaky Pete".
- Launch and control content with the Alexa Voice Remote (2nd Gen). Watch favorites from Netflix, Prime Video, Hulu, STARZ, SHOWTIME, or CBS All Access, plus stream for free with Pluto TV, IMDb Freedive, and others.

[Jump to: Compare Fire TV family](#) | [Technical details](#)

#### We want you to know:

With Alexa on Fire TV Cube, you can control compatible TVs, soundbars, and A/V receivers from top brands like Samsung, Sony, LG, Vizio, and more. Plus, tune to live TV channels with cable or satellite boxes from providers like Comcast, DISH, DIRECTV/AT&T U-verse, and more. You cannot use your voice to change channels through an over-the-air HD antenna. [Learn more](#) about supported devices.

Not every app has the same voice control experience. Many apps allow you to control playback of content (play, pause, resume) using Alexa on Fire TV Cube. Some additional apps including Netflix, Hulu, ABC, ESPN, and STARZ have integrated further with Alexa, allowing you to browse and search, and navigate using your voice by saying "Alexa, go right" or "Alexa, select."

Alexa Calling & Messaging, Bluetooth connections to mobile phones, and Spotify support for Multi-Room Music are not currently supported on Fire TV Cube.

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- HDMI Cable (not included): **3 Feet \$5.99**
- Protection Plan for your Fire TV Cube: **3 year \$19.99**
- Ring Wi-Fi Enabled Video Doorbell: **Satin Nickel \$99.99**
- Sengled 2 bulbs + hub: **2 Pack Soft White Kit \$39.99**
- TP-Link Smart Plug Mini: **Single Pack ~~\$49.99~~ \$21.98**

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**\$99.99**



## Now TV is hands-free

Fire TV Cube is the first hands-free streaming media player with Alexa, delivering an all-in-one entertainment experience. From across the room just say, "Alexa, play *Billions*" and Fire TV Cube turns on your TV and starts playing the SHOWTIME drama, allowing you to control your entertainment with voice commands. Watch as thousands of movies and TV episodes come to life with vibrant colors and detailed contrast in 4K Ultra HD and HDR.



**"Alexa, turn on the TV."**

### Amazon Fire TV Cube, hands-free with Alexa and 4K Ultra HD, streaming media player

With far-field voice recognition, eight microphones, and beamforming technology, Fire TV Cube hears you from any direction. From across the room, just ask Alexa to turn on the TV, adjust the volume, and control playback. Fire TV Cube also comes with the Alexa Voice Remote with TV and volume controls, for when you want to control your TV without making a sound. [Learn more](#) about Alexa on Fire TV Cube.

<i>"Alexa, tune to ESPN."</i>	<i>"Alexa, play 'This Is Us.'"</i>	<i>"Alexa, turn on the TV."</i>
<i>"Alexa, find comedies in Hulu."</i>	<i>"Alexa, turn up the volume."</i>	<i>"Alexa, open Netflix."</i>

**"Alexa, turn up the volume."**


Use voice commands or new remote buttons to control compatible TVs, soundbars, and A/V receivers from popular brands like Samsung, Sony, LG, Vizio, and more. Plus, tune to live TV channels with cable and satellite boxes from top providers like Comcast, DISH, and DIRECTV/AT&T U-verse—just ask Alexa.


## Voice control compatibility

With Alexa on Fire TV Cube, you can control a wide range of devices through the cloud, infrared (IR), and HDMI-CEC, with more being added all the time.

[Learn more](#)








**4K UHD Streaming at 60 FPS**

**HDR**

High Dynamic Range



**Dolby Atmos Audio**

## picture and sound

Enjoy stunning 4K Ultra HD streaming up to 60 fps and HDR enabling more vivid, lifelike colors and exceptional clarity. Feel scenes come to life with three-dimensional Dolby Atmos audio on select Prime Video titles when connected to compatible home audio systems.





























## Endless entertainment

Watch over 500,000 movies and TV episodes from Netflix, Prime Video, Hulu, HBO, SHOWTIME, NBC, and more. Discover thousands of 4K Ultra HD movies and TV episodes from Netflix, Prime Video, and more. Access websites such as YouTube, Facebook, and Reddit with browsers like Silk and Firefox. Plus, stream millions of songs and use your voice to request a song, artist, playlist, or control playback through Amazon Music, Apple Music, Spotify, iHeartRadio, and Pandora. Enjoy tens of millions of songs ad-free with an Amazon Music Unlimited subscription. Subscription fees may apply.



## "Alexa, show the front door."

Do even more with Alexa. Fire TV Cube has a built-in speaker that lets you check the weather, listen to the news, and more—even with the TV off. Ask Alexa to play music and Fire TV Cube turns on your TV and starts playing with onscreen album art. If you have compatible Alexa-enabled devices throughout your home, add Fire TV Cube to your Multi-Room Music group to play music or make an announcement like "Alexa, tell everyone the movie is about to start." Plus, view camera feeds and control lights, thermostats, and other smart home devices—just ask.

[Learn more](#) about compatible smart home brands. Fire TV Cube is always getting smarter with new Alexa skills and voice functionality. Alexa Calling & Messaging and Bluetooth connections to mobile phones are not currently supported on Fire TV Cube.

<i>"Alexa, dim the lights."</i>	<i>"Alexa, show the nursery."</i>	<i>"Alexa, order popcorn."</i>
<i>"Alexa, play '90s rock."</i>	<i>"Alexa, play my flash briefing."</i>	<i>"Alexa, set thermostat to 72°."</i>





## Better with Prime

Prime membership unlocks a world of entertainment on Prime Video, with exclusive and award-winning Originals, popular movies and TV, live events, sports, and more—all at no extra cost and available to watch on practically any device. Prime members can also add 100+ channels like STARZ, SHOWTIME, HBO, and Cinemax with Prime Video Channels—no cable required, and no additional apps to download. You only pay for the channels you want, and you can cancel anytime. Each channel starts with a free trial, so it's easy to [discover new favorites](#).

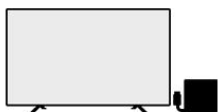


**Watch live TV, cable-free**

Tune to live sports and the latest must-see TV shows through Fire TV Cube without cable or satellite service. Subscribe to apps like Hulu and PlayStation Vue to access the live content you care about most. Or use an indoor HD antenna connected directly to your TV to watch broadcast networks like NBC and PBS for free.



## How to get started


**1**

Place Fire TV Cube at least 1 to 2 feet away from speakers


**2**

Connect Fire TV Cube to your TV's HDMI port and home internet


**3**

Follow the onscreen prompts to set up your entertainment system

## Compare Fire TV streaming media players



Fire TV Stick



Fire TV Stick 4K



Fire TV Cube

Price	\$39.99	\$49.99	\$119.99
Picture quality	Up to 1080p (HD)	Up to 4K Ultra HD with support for HDR, HDR 10, Dolby Vision, HLG, HDR10+	Up to 4K Ultra HD with support for HDR, HDR 10
Built-in speaker			✓
Far-field voice control of Fire TV			✓
Far-field voice control of devices			✓
TV and device control with all-new Alexa Voice Remote	✓	✓	✓
Listen to Fire TV with compatible Bluetooth headphones	✓	✓	✓
Storage	8 GB	8 GB	16 GB
Supported audio	Dolby Audio	Dolby Atmos	Dolby Atmos
802.11ac dual-band MIMO Wi-Fi	✓	✓	✓
Ethernet support	With optional Amazon Ethernet Adapter	With optional Amazon Ethernet Adapter	✓



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## Fire TV Cube technical details

<b>Size</b>	3.4" x 3.4" x 3.0" (86.1 mm x 86.1 mm x 76.9 mm)
<b>Weight</b>	16.4 oz (465 g)
<b>Processor</b>	Quad-core up to 1.5 GHz   ARM 4xCA53
<b>GPU</b>	Mali450 MP3
<b>Storage</b>	16 GB internal
<b>Memory</b>	2 GB
<b>Wi-Fi connectivity</b>	Dual-band, dual-antenna Wi-Fi (MIMO) for faster streaming and fewer dropped connections than standard Wi-Fi. Supports 802.11a/b/g/n/ac Wi-Fi networks.
<b>Bluetooth</b>	BT 4.2 and BLE. Pair with compatible Bluetooth speakers, headphones, video game controllers, and more.
<b>Voice support</b>	Far-field and near-field voice support
<b>Voice control compatibility</b>	Fire TV Cube can control a wide range of IR-enabled devices, including TVs, soundbars, cable and satellite boxes, and A/V receivers. <a href="#">Learn more</a> about supported devices.
<b>Cloud storage</b>	Free cloud storage for digital content purchased from Amazon
<b>Ports</b>	HDMI, Power, Micro USB, Wired Infrared support
<b>Included audio</b>	Built-in 1.6" (40 mm) speaker to interact with Alexa—even when the TV is off. Fire TV Cube uses your entertainment system speakers for entertainment experiences and will turn on your TV, soundbar, or A/V receiver to play these.
<b>Audio support</b>	Dolby Atmos, 7.1 surround sound, 2ch stereo, and HDMI audio pass through up to 5.1. Dolby Atmos is not currently supported on Netflix titles.
<b>Content formats supported</b>	Video: HDR-10, H.265, H.264, Audio: AAC-LC, AC3, eAC3 (Dolby Digital Plus), FLAC, MP3, PCM/Wave, Vorbis, Dolby Atmos (EC3_JOC), Photo: JPEG, PNG, GIF, BMP

<b>Output resolution supported</b>	2160p, 1080p, and 720p up to 60 fps
<b>System requirements</b>	High-definition television with available high speed HDMI input, high speed internet connection via Wi-Fi or inbox Ethernet accessory, power outlet, (compatible TV/sound/cable equipment for control by infrared or voice). High Speed HDMI cable and 4K TV with high speed HDMI connector required for 4K viewing and more reliable device control.
<b>TV compatibility</b>	TV must support minimum HDCP requirements for protected content playback. <a href="#">Learn more</a> . Able to control (1) 4K ultra high-definition TVs with HDMI capable of 2160p at 24/25/30/50/60 Hz and HDCP 2.2, including popular models from LG, Samsung, Sony, Sharp, Toshiba, Vizio, and others or (2) high-definition TVs with HDMI capable of 1080p or 720p at 50/60 Hz, including popular HDCP-compatible models from Hitachi, JVC, LG, Mitsubishi, NEC, Panasonic, Philips, Pioneer, Samsung, Sharp, Sony, Toshiba, Vizio, Westinghouse, and others. (For device control, certain functions may not be available on some devices).
<b>Warranty and service</b>	<a href="#">1-Year Limited Warranty</a> , and service included. Optional <a href="#">2-Year</a> and <a href="#">3-Year</a> Extended Warranty available for U.S. customers sold separately. Use of Fire TV is subject to the terms found <a href="#">here</a> .
<b>Regional support</b>	U.S. only
<b>Accessibility features</b>	VoiceView screen reader enables access to the vast majority of Fire TV features for users who are blind or visually impaired. Watch videos and TV shows with closed captioning displayed. Captions are not available for all content. You can also listen to Fire TV with compatible Bluetooth headphones. <a href="#">Learn more</a> .
<b>Included in the box</b>	Fire TV Cube, <a href="#">Alexa Voice Remote (2nd Gen)</a> , power adapter, <a href="#">Quick Start Guide</a> , marketing guide, 2 AAA batteries, infrared (IR) extender cable, <a href="#">Amazon Ethernet Adapter</a> (10/100)

## Alexa Voice Remote technical details

<b>Size</b>	38 mm x 142 mm x 16 mm
<b>Weight</b>	43.4 g (without batteries)
<b>Batteries</b>	2 AAA (included)

<b>Technology</b>	Bluetooth and Infrared
<b>Compatibility</b>	Fire TV Cube, <a href="#">Fire TV Stick (2nd Gen)</a> , <a href="#">Fire TV (3rd Gen Pendant Design)</a> , <a href="#">Fire TV Stick 4K</a>

## Customer Questions &amp; Answers

[See questions and answers](#)

Sponsored products related to this item



Alexa Voice Remote with power and volume controls – requires compatible Fire TV device  
 ★★★★★ 1,223  
 \$29.99 ✓prime

Echo Input – Bring Alexa to your own speaker-Black  
 ★★★★★ 1,169  
 \$19.99 ✓prime

Fire HD 10 Tablet with Alexa Hands-Free, 10.1" 1080p Full HD Display, 32 GB, Marine...  
 ★★★★★ 37,401  
 \$149.99 ✓prime

Echo Link - Stream hi-fi music to your stereo system  
 ★★★★★ 65  
 \$199.99 ✓prime

Echo Dot (3rd Gen) - Smart speaker with Alexa - Charcoal  
 ★★★★★ 36,440  
 \$29.99 ✓prime

Echo Sub - Powerful sub requires compatible Ec...  
 ★★★★★ 1,363  
 \$129.99 ✓prime

Ad feedback

4,470 customer reviews

★★★★☆ 3.9 out of 5 stars



By feature

Stream quality ★★★★★ 4.3  
 Alexa integration ★★★★★ 4.1  
 Voice Recognition ★★★★★ 4.1

By customer groups & interests

Smart Home ★★★★★ 3.8  
 Electronics ★★★★★ 3.8  
 TV Shows ★★★★★ 3.9

Is this feature helpful?

Review this product

Share your thoughts with other customers

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See all customer images

Read reviews that mention

fire tv cube fire stick voice commands voice control cable box  
 easy to set living room alexa turn black friday much better  
 voice recognition easy to use highly recommend even though

Showing 1-8 of 4,470 reviews

Top Reviews

Texas Flood

★★★★☆ A lot of potential - still needs work

November 5, 2018

Configuration: Fire TV Cube | Verified Purchase

I installed the new version of the Fire TV Cube this week. My previous setup was Sony 4K TV, Sony Soundbar, Harmony Hub, Roku Ultra, and Amazon Echo. With that, I got all the streaming 4K content I wanted + voice control. The Fire TV cube has the ability to replace 3 of those devices (Harmony, Roku, Echo), so naturally I had to try it. Here has been my experience so far:

Background:

Write a customer review

I'm using the Fire TV Cube via 802.11ac wifi with a gigabit internet connection. I installed the latest software updates immediately after setting up the device.

The Good:

- Setup was super easy. WAY easier than Logitech Harmony. The wizard found and correctly configured all of my components, and I was up and running in a few minutes. No need to define complex routines for powering devices on and off. Very much a plus and, plus user experience, which I'm sure was no easy feat to develop. Kudos to the

1,334 people found this helpful

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jimmy.f

★★★★☆ Works amazingly well (still some design quirks)

November 5, 2018

Configuration: Fire TV Cube | Verified Purchase

So, I'm updating my initial review from 1 star to 4 stars because a) the product support team reached out to me to help troubleshoot the issue, and b) one of their suggestions fixed the issue. I was having a very odd problem that older programs (shows in syndication like "Frasier") selected through Netflix, had no audio. Odd that any newer program like a Netflix series, did have audio. After support had me try various audio settings to no avail, it was finally suggested that I reboot the Fire TV Cube by unplugging it for 30 seconds... Guess what, it worked!

So while I'm very glad the issue's resolved, a) I guess I'm a little worried that it happened in the first place and b) wondering if it will happen again. I'm coming from a Roku3 that I've used for five years and never had any issues at all except for these last few months which is why I decided it was time to replace it and thought I'd give the Fire TV Cube a try.

Overall, I like it and am impressed that all the complicated stuff I thought it would have problems with, actually works! I'm using a Yamaha 5.1 4k receiver as the hub that all my media devices are connected to and use its sole HDMI output to a Samsung TV. Alexa will turn on any of the six media devices I have connected to it, and even more impressive. Alexa is intelligent enough to do "implied two-tiered" commands. i.e. if mv entire system is shut

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See all 4,470 reviews >

Write a customer review

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Stream millions of songs

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Everything For Your Business

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**AmazonFresh**  
Groceries & More Right To Your Door

**Audible**  
Listen to Books & Original Audio Performances

**Fabric**  
Sewing, Quilting & Knitting

**Prime Video Direct**  
Video Distribution Made Easy

**eero WiFi**  
Stream 4K Video in Every Room

**Amazon Drive**  
Cloud storage from Amazon

**AmazonGlobal**  
Ship Orders Internationally

**Book Depository**  
Books With Free Delivery Worldwide

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Book reviews & recommendations

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**Amazon Second Chance**  
Pass it on, trade it in, give it a second life

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