

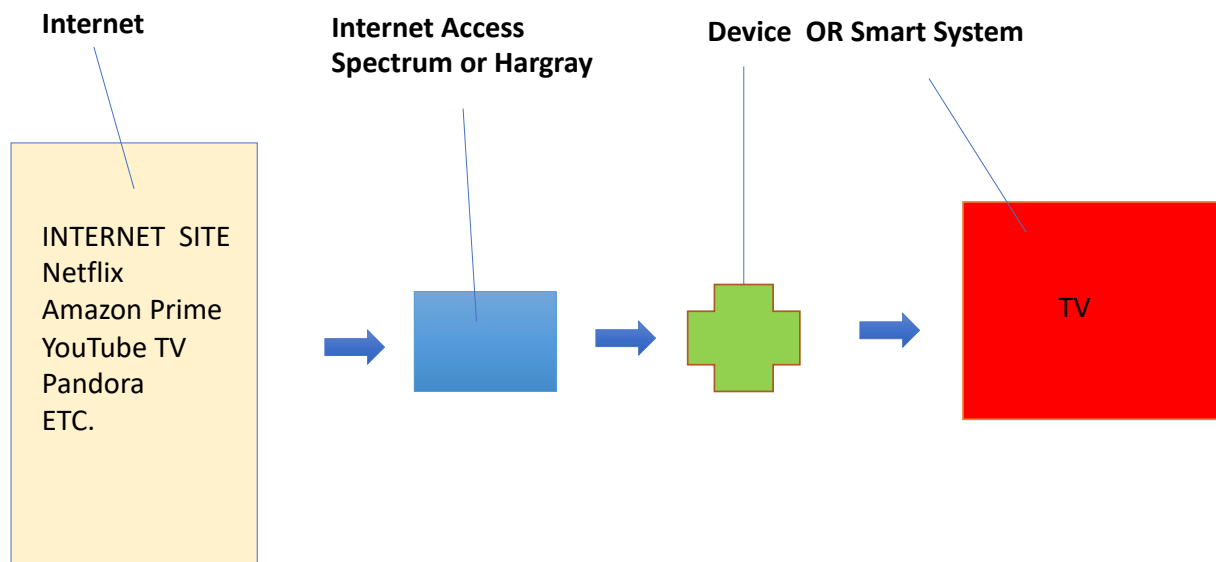
STREAMING - AN INTRO TO THE POSSIBILITIES

SEPTEMBER 28, 2020

- GOAL – TO PROVIDE AN OVERVIEW OF CURRENT SERVICES AVAILABLE FOR VIDEO STREAMING AND DEMONSTRATE THE LEADING ONES
- AGENDA
 - STREAMING OVERVIEW
 - ACCESS – WIFI AND TV SMART SYSTEMS
 - LEADING SERVICES BY TYPE – BOB’S PICKS DEMO
 - LIVE TV
 - RECORDED –MOVIES , SERIES
 - MUSIC
 - LIFECYCLE
 - EARLY ADOPTER
 - GROWTH WINNERS/LOSERS (NOW)
 - MATURE SURVIVORS
- CAUTION THIS MARKET IS CHANGING AT THE PRESENT TIME - SO SHOP FOR DEVICES AND CONTENT - YOUR CHOICES CAN IMPACT SAVINGS



STREAMING - THE BASICS



PING ms 26 DOWNLOAD Mbps 114.49 UPLOAD Mbps 11.65

Connections
Multi
Platters Telephone

HOW DOES THE CUSTOMER SERVICE OF SPECTRUM COMPARE WITH YOUR EXPECTATIONS?

ACCESS TO INTERNET – LOCALLY

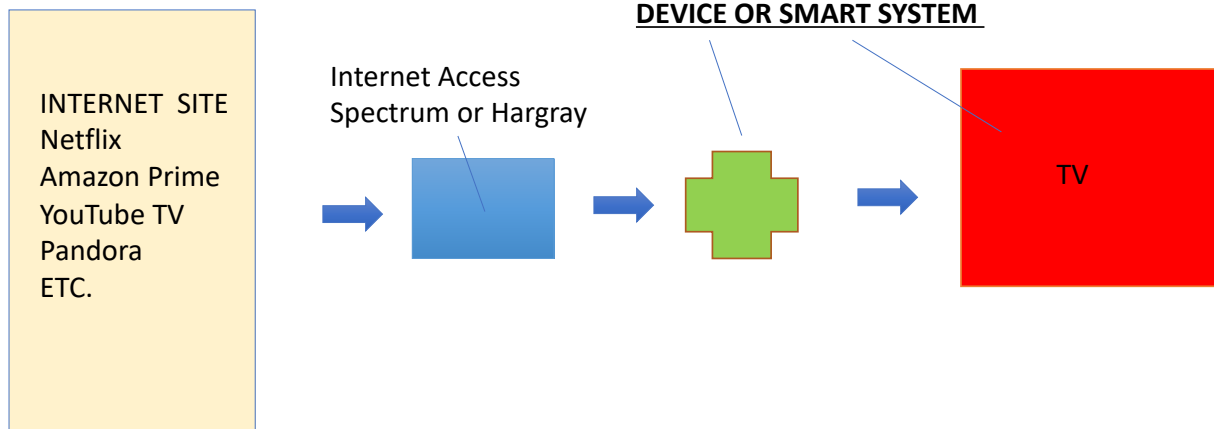
- DOWNLOAD SPEED IS CRITICAL - > 30 MBPS – 100 IDEAL – 1000 (1GIG POSSIBLE)
- HARGRAY – FIBER CABLE – MODEM / ROUTER
- SPECTRUM – COAX CABLE – MODEM / ROUTER
- ROUTER AND/OR MESH SYSTEM MAY BE NEEDED FOR COVERAGE
- SPEED TEST SITE – EXAMPLE - SPEEDTEST.NET

NEW OPTION

- SATELLITE "STARLINK" FROM SPACEX – END OF 2020

DEVICE OR SMART SYSTEM NEEDED FOR STREAMING

- STREAMING SMART SYSTEMS make it possible to access and stream (view) content from the internet primarily to your television. Comparison chart attached to presentation.



ACCESS TO SITES – TV SMART SYSTEMS



- SMART TV
 - STREAMING CAPABILITY BUILT INTO TV
 - OFTEN CONVENIENT IF THEY OFFER STREAMING SITES YOU WANT
- STREAMING DEVICE
 - DEVICES LIKE ROKU CAN PROVIDE ALL SMART FEATURES
 - SINGLE REMOTE CONTROLS ALL TV FUNCTIONS – MOST NOW HAVE GOOD VOICE COMMANDS
 - KEY FEATURES TO LOOK FOR ARE SEARCH FUNCTION, EASY TO NAVIGATE BETWEEN SITES (CHANNELS), AUTOMATIC UPDATES OF SYSTEM
- LEADING SYSTEM ROKU – BUILT IN OR DEVICE (DEMO)

Which product is right for me?

There's a Roku streaming player or Roku TV for everyone.

player that will connect to your current TV?

[See all your options >](#)



Roku Ultra



Roku Express

Want a TV with the Roku streaming experience built in?

[Learn more about Roku TVs >](#)

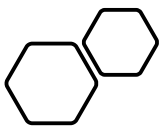
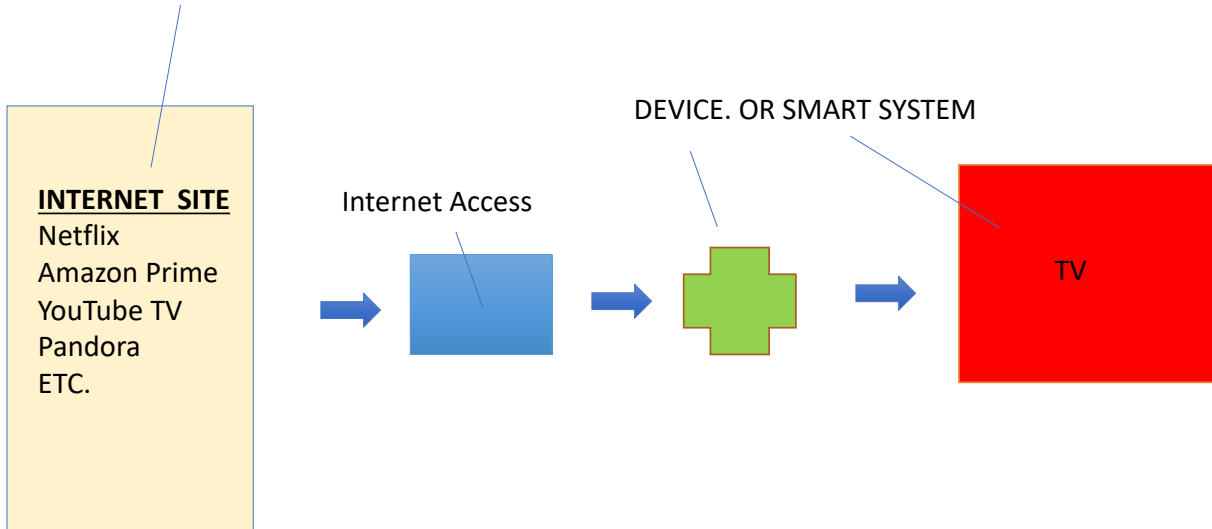


Roku TV

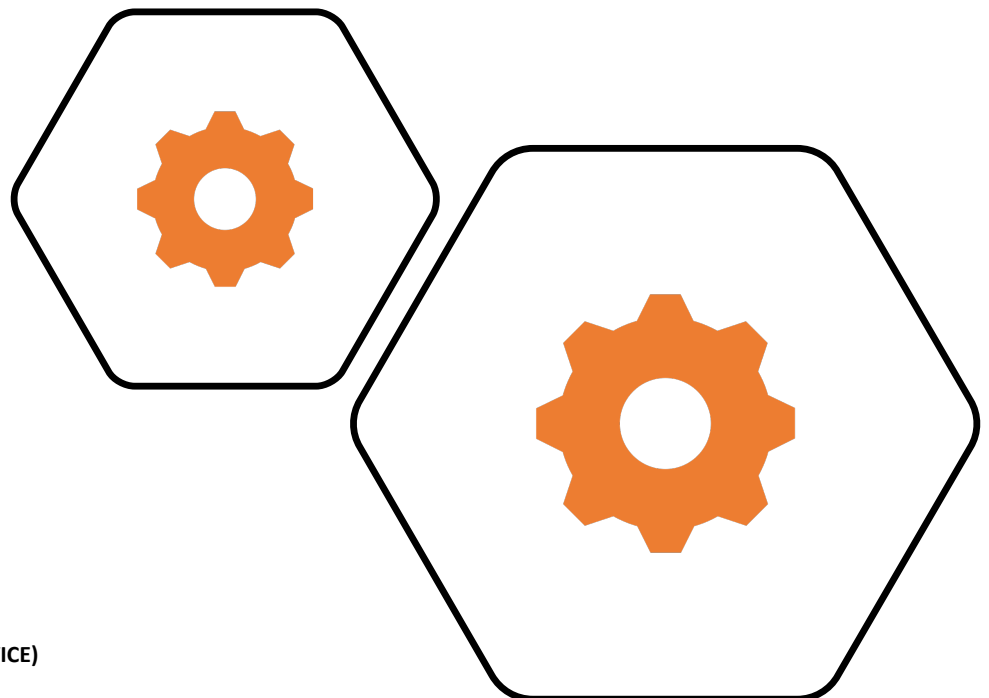
ROKU
DEVICE OR
SMART
SYSTEM

STREAMING SERVICES ARE INTERNET SITES

- STREAMING SERVICES are rapidly evolving sources for Entertainment Content



UPDATE ON LIVE TV STREAMING OPTIONS



- LIVE TV – CABLE REPLACEMENT
 - YOUTUBE TV \$ 65
 - HULU \$ 55
 - SLING. \$ 30 UP
 - FUBO \$ 60
 - PHLO \$ 20
 - SPECTRUM APP (PART OF CABLE SERVICE)
- LOCAL LIVE TV – ANTENNA REPLACEMENT
 - HAYSTACK – FREE LOCAL TV



TV made for you

Record with unlimited storage space

Included at no extra cost
Stream your library wherever you go
Never run out of storage space

Share with your family with up to 6 accounts

Cancel whenever you want with no contracts

[TRY IT FREE](#)

TOP PICK FOR LIVE TV



SEE ALL CHANNELS

Watch live TV from 70+ channels

Available in the U.S. nationwide. Enter your home ZIP code below to see your area's lineup. Subject to availability.

ZIP code [SUBMIT](#)

Haystack TV is Now Streaming Local News From Over 200 Local TV Stations For Free on Roku, Apple TV, & Fire TV

by Luke Bouma on May 29, 2019 at 5:00 pm CDT in All News, News



Today **Haystack TV** announced that they have added 39 local affiliates from Gray Television. This means Haystack TV is now streaming local news on-demand from over 200 local TV stations in the United States.



STREAMING MIXED CONTENT (MOVIES , SERIES)

- NETFLIX (DEMO)
- AMAZON PRIME (DEMO)
- PLUTO
- TUBI

- APPLE TV +

MOST INCLUDE ORIGINAL AND PREVIOUSLY BROADCAST CONTENT

MOST POPULAR FREE SITES

ROKU CHANNEL.

PLUTO – TV

TUBI –MOVIES AND TV

CRACKLE – MOVIES AND TV

WEATHER NATION

SKY NEWS

PREMIUM SERVICES ARE AVAILABLE IN VARIETY OF WAYS

The Roku Channel View online

<https://click.email.roku.com/?qs=d32e521271f070dac1f88251fc0958d9f5d6a2ce57c2820941d439d1b8efbe4248b4c0e89d2aca57193dc875b5ec0ec7e72b4bdf98ee0717>

STARZ HBO SHOWTIME

Smithsonian CHANNEL

Premium Subscriptions on The Roku Channel

All your favorites, all in one place
Premium Subscriptions on The Roku Channel

SPECIALTY STREAMING

- PREMIUM – HBO , SHOWTIME
- NETWORK APPS – CBS , NBC
- SKY NEWS

- ALA CARTE OR
- BUNDLED

BUNDLE EXAMPLES

30 FOR 30 LIBRARY

hulu Disney+ ESPN+

GET ALL YOUR FAVORITES FOR JUST \$12.99/MONTH.

[SIGN UP NOW](#)

18+ only. Includes Hulu (ad-supported) plan. Access content from each service separately. Offer valid for eligible subscribers only. Subject to [Bundle terms](#).

Thousands of shows and movies. High-flying heroes. Live sports. Restart your Hulu (ad-supported) plan today and add Disney+ and ESPN+ all for just \$12.99/month. Watch on all supported devices, cancel anytime.

hulu Get access to Hulu (our ad-supported plan) with over 85,000 episodes of every kind of TV.

FREE "HEADS UP" SERVICE – DECIDER.COM



http://links.decider.com/a/755/click/8648739/712547322/_bed07c705878d8f8aaaa4f6ce5609e52a3a09e9/64e4d7bb7d5574db4d146ca51dccc5a8e040ccdf?ana=INV0bV9zb3VyY2U9bWFyb3Bvc3QmdXRlX21ZG1hT1lbWFpbCZldG1Y2FtcFpZ249ZGVjaWRlcnd0d3R3JnV0bV9jb250ZW50PTlwMjAwMjISJnRwY2M9ZGVjaWRlcj93dH0g==

What's New On Netflix, Hulu, Amazon, And HBO This Weekend: 'Babylon Berlin', 'All The Bright Places', 'Mr. & Mrs. Smith', And More

Plus After the Wedding, Axios Season 3, Anna and more!

WEEKEND PICKS



New Movies on Demand: 'Uncut Gems,' 'Bombshell,' 'Knives Out,' and More

STREAMING
4K

- NETFLIX
- APPLE TV+
- AMAZON PRIME
- FUBO TV
- VUDU
- PEACOCK
- 4K SPOTLIGHT

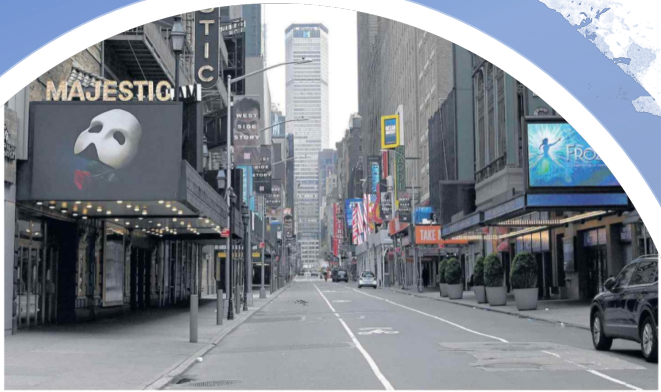
STREAMING SPORTS

- ESPN
- FOX SPORTS
- CBS SPORTS LIVE 24/7
- TENNIS CHANNEL
- MLB
- BTN+
- OLYMPIC CHANNEL
- ALL ABOVE INCLUDED ON UTUBE TV

STREAMING MUSIC

- SPOTIFY (113M)
- APPLE MUSIC (60MM)
- AMAZON MUSIC (55MM)
- PANDORA
- IHEART RADIO
- SIRIUS XM
- YOUTUBE MUSIC * (10MM)
- GOOGLE PLAY * (10MM)
- THE COUNTRY NETWORK
- MET OPERA ON DEMAND





Closed Broadway theaters during the coronavirus pandemic on April 8 in New York City.

BY CHARLES MONTELY
Los Angeles Times

STEALING THE SPOTLIGHT?

Digital theater is all the rage, but could it destroy the live stage?

No one at this point can answer when live performance will come back. Not the medical experts. Not theater owners and producers. And not the unions that represent the creative professionals whose livelihoods are in a state of suspended animation.

Digital is the only safe stage right now. Theaters, fighting for their lives, have been creatively exploring how to connect to their audiences with media technology. Richard Nelson wrote a play for Zoom, celebrated productions from the past are streaming, online benefit play-readings are proliferating and virtual town halls have become the new theater hangout.

Last week Center Theatre Group managing director and chief executive Meghan Pressman led an L.A. Theater Guild meeting on the new theater stage.

Artistic director Stephen Sachs said his focus has been "less about content and more about community." How, he asked, can the connection of a theater audience be "translated into a digital space?"

For Sachs, it's all about delivering products that can be passively enjoyed. People want to be brought into the process and engage not only with artists but also with their fellow audience members, he

coming together that is not simply reinforcing audience homogeneity?"

Deaf West Theatre artistic director DJ Kuehl also is looking to digital for ways of expanding access. But he noted that the struggle continues on the internet, where perhaps "less than 1% of online theater is captioned or interpreted or made accessible to the deaf community."

IAMA Theatre Compa-

ny director Helder Guimarães that opens on Thursday, was made easier because Guimarães is a magician and not subject to the same restrictions as stage actors.

In a conference call last week with the leaders of arts, entertainment and media unions, there was broad recognition that these regulations would have to be continually reassessed in light of the

street.

You also have to deal with the hell, to borrow from Sartre, of other people. Some who are slower and less courteous. Some who cannot resist unwrapping a mint or answering a text. Some who forget to turn off their hearing aids when using an assisted listening device.

Attending the theater is expensive in terms of money and patience. (A colleague with a young child tells me the cost of babysitting is like buying a third ticket.) Even provisionally establishing the idea that you don't need to be there is full with peril in an age which gratification measured in clip-

Of course, to replace the of a theater screen high

"theater snob" who once looked askance at the use of projections onstage, urged an openness to the way these practices cr-

integrated even all-

theater comes."

Only a fe-

again-

old wine in new bottles. Novel forms must be invented, and Levinson, who understands the resistance as a proud "theater snob" who once locked askance at the use of projections onstage, urged an openness to the way these practices cr-

integrated even all-

theater comes."

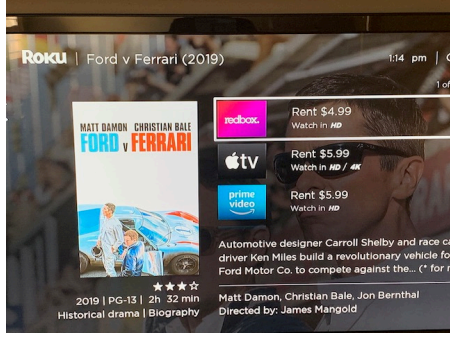
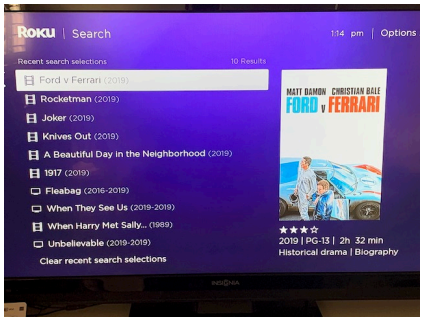
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again-

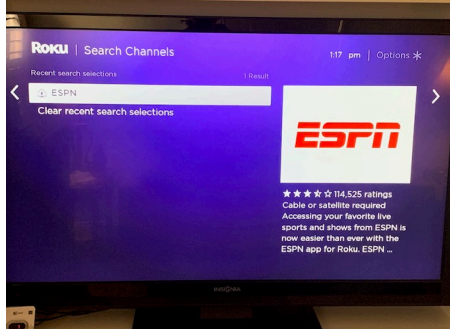
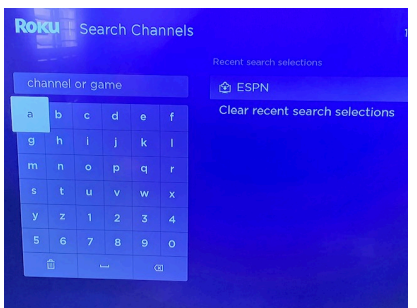
NEW - STREAMING THEATER

CAN'T FIND IT - SEARCH ROKU.

- SEARCH FOR SPECIFIC MOVIE OR SERIES - BY TITLE , STAR , ETC.



- STREAMING CHANNELS – SEARCH





WHAT'S RIGHT FOR ME ?



• CONSIDERATIONS

- WHAT YOU WANT TO WATCH OR LISTEN TO -
- SAVINGS POTENTIAL –
- DEVICE OPTION – TABLETS / BIG PHONE APPS
- MULTIPLE HOME MEMBERSHIPS – CONVENIENCE OF USING MOBILE ROKU
- TRENDS – MORE OPTIONS

UPCOMING EVENTS – CHECK HHICC.COM WEB SITE

- YOU TUBE TV – TIPS AND TRICKS
 - ROKU SETUP
 - APPLE TV+
- MORE STREAMING RELATED SESSIONS DEPENDING ON DEMAND

QUESTIONS ??

HANDOUT OF STREAMING DEVICES

POPULAR STREAMING MEDIA PLAYERS: A COMPARISON CHART					
FACTS	AMAZON FIRE TV	ROKU	APPLE TV	GOOGLE CHROMECAST	SMART TV SYSTEMS
Website	amazon.com/firetv	roku.com	apple.com/tv	store.google.com	
List Price: (See website to compare models)	Fire TV Cube: \$119.99 Fire TV Stick 4K: \$49.99 Fire TV Stick: \$39.99	Roku Ultra: \$99.99 Roku Streaming Stick+: \$59.99 Roku Streaming Stick: \$49.99 Roku Premiere+: \$49.00 Roku Premiere: \$39.99 Roku Express+: \$35.00 Roku Express: \$29.99	Apple TV 4K 64GB: \$199.99 Apple TV 4K 32 GB: \$179.00 Apple TV, 32GB: \$149.00	Google Chromecast Ultra: \$69.00 Google Chromecast: \$35.00	SAMSUNG VIZIO LG
Content Providers Available on All	Netflix, Hulu, Crackle, FilmStruck, Sling TV, PlayStation Vue, Directv Now, Hulu Live TV, HBO, Showtime, PBS, PBS Kid, WaltDisney, Watch ESPN, Fox Now, Telemundo Deportes EN VIVO, Plex, Pandora, Sirius XM				
Additional Popular Content Providers	Amazon Prime Video, Spotify, Amazon Music, PlayOn Recently added YouTube TV	Amazon Prime Video, Fandango Now Google Play, YouTube, YouTubeTV, Spotify, Amazon Music, PlayOn Find More at the Official Channel Store	Apple Music, Amazon Prime Video, VUDU, YouTube, YouTubeTV, Sirius XM, Apple TV+ Find More Online	Google Play, YouTube, YouTubeTV Fandango Now, VUDU, Amazon Music, Spotify, PlayOn	
Missing Content Providers	Fandango Now, Google Play, YouTubeTV, VUDU, iTunes Apple Music	iTunes, Apple Music	Google Play, Fandango Now, Spotify, Amazon Music, PlayOn	iTunes, Apple Music	
4K(HDR Support (All Have 1080P)	Only Fire TV Stick 4K and Fire TV Cube	Only Roku Ultra, Roku Streaming Stick+, Roku Premier+ and Roku Premier	Only Apple TV 4K	Only Google Chromecast Ultra	
Voice Search on Remote	All Alexa directed ?	Only Roku Ultra, Roku Streaming Stick+, Roku Streaming Stick and Roku Premier	All	N/A	
Display Mirroring	N/A	All	Can Cast and Control Streaming Content and Mirror Screens from Mac Computers and iOS Devices Using Airplay	Mirroring Available for Android Devices Can Also use Chrome Browser to Cast Anu Tab or Full Computer Screen	
Single Sign-On or TV Everywhere Apps	Yes	Yes	Yes	No	
Additional Features	Can pair with some Amazon Echo voice-activated devices for hands free control	Amazon Fire, iOS, and Android apps available Can be controlled by Alexa	Can Watch Content Saved on Mac, iOS devices and iCloud	Pair with Google Home Voice-Activated Devices for Hands-Free Control	
	Remote & Mobile Apps Work With Alexa	Roku Ultra has Micro SD Slot, Remote with Headphone Jack and Gaming Buttons	TV app organizes content in one easy-to-use interface	Google Home App Helps Users Discover Popular Content and Supports Apps	
	Fire TV Recast Adds Live TV Capability with HD Antenna	Streaming Stick, Streaming Stick+ Have Wireless Remote Not Requiring Line of Sight	Can use Siri Voice Commands to Play Content, Go Back & Skip Ahead		
	Amazon Fire, Android, iOS Apps Available for Use as Remote	Roku offers wireless speakers and a sound bar	iOS Remote App Available		
	Free Amazon Cloud Storage for all Amazon Content		Supports Bluetooth Accessories		
	Supports Bluetooth Accessories				