



# Apple Buying Guide 2020

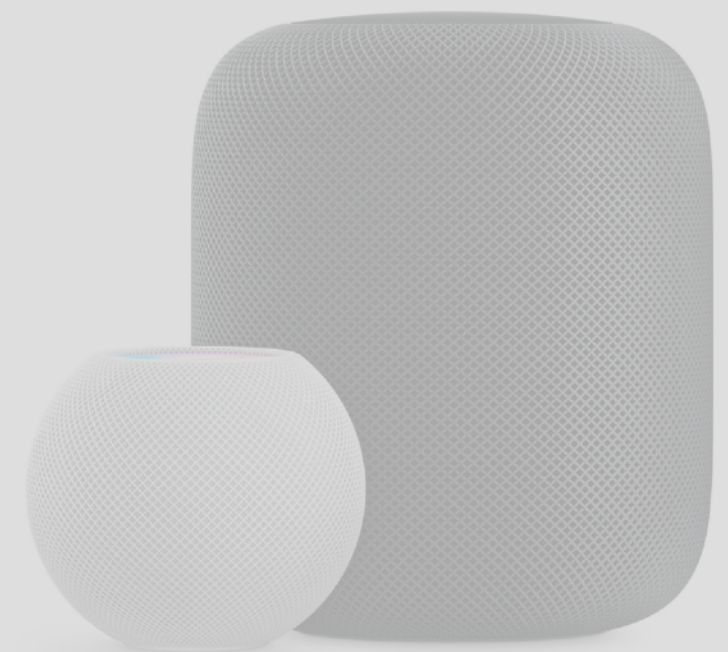
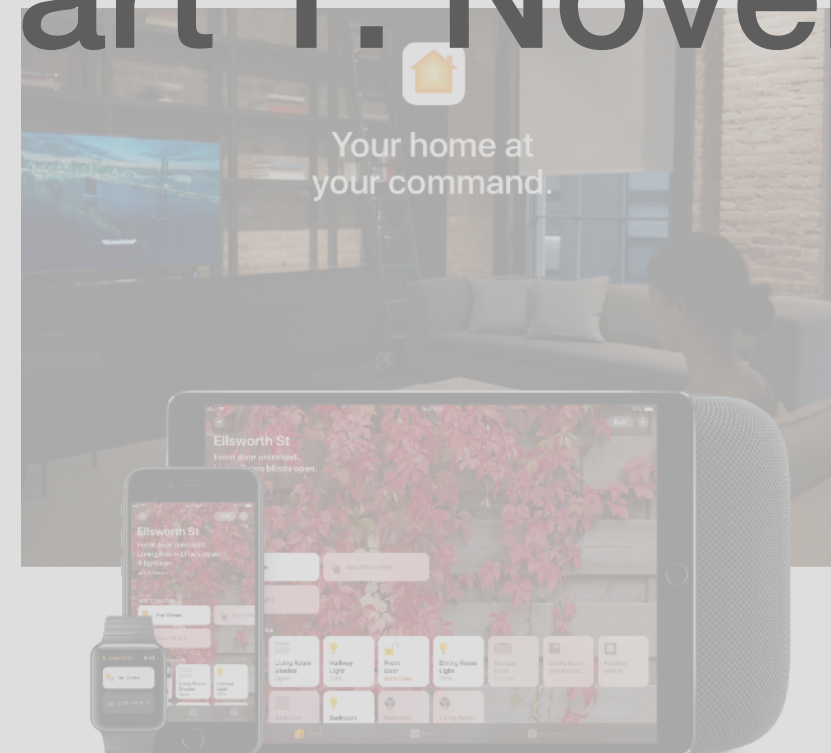
**Part 2: December 1, 2020**

Tony Crawford

The Villages Apple User Group



**Part 1: November 3, 2020**



# iPhone





# iPhone

## Which iPhone should I Buy?



**iPhone 12 Pro Max**  
6.7” A14



**iPhone 12 Pro**  
6.1” A14



**iPhone 12**  
6.1” A14



**iPhone 12 mini**  
5.4” A14



**iPhone SE (2nd Gen)**  
4.7” A13



**iPhone 11**  
6.1” A13










**iPhone XR**  
6.1” A12

Model	Year Released	Price TBD
12 Pro Max	2020	\$1100 128 GB
12 Pro	2020	\$1000 128 GB
12	2020	\$800 64GB
12 mini	2020	\$700 64GB
SE	2020 (Apr)	\$400 64GB
11	2019	\$600 64GB
XR	2018	\$500 64GB

# iPhone Lifespan and Evolution

	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
	1	2	3	4	5	6	7	8	9	10	11
Phone	12 Pro Max 12 Pro 12 12 mini	11 Pro Max 11 Pro 11 SE (April 2020)	XS Max XS XR	X 8Plus 8	7 Plus 7	6s Plus 6s SE	6 Plus 6	5s	5 5c	4s	4
	iOS14					6					
		iOS 13				5					
			iOS 12					6			
				iOS 11				5			
					iOS 10				5		
						iOS 9				5	
							iOS 8			4	
								iOS 7			4
Base Storage	64GB Pro 128GB	64GB	64GB	64GB	32GB	16GB	16GB	16GB	16GB	16GB	16GB
Chip	A14 Bionic	A13 Bionic	A12 Bionic	A11 Bionic	A10 Fusion	A9	A8	A7	A6	A5	A4
Transistors	11.8 Billion	8.5 Billion	6.9 Billion	4.3 Billion	3.3 Billion		2 Billion	1 Billion	742 Million		149 Million



2014	2017	2020
iPhone 6 Plus	iPhone X	iPhone 12 Pro Max
		
Wide	Wide	Ultra Wide
	Telephoto	Wide
		Telephoto
		Dolby Vision HDR video recording up to 60 fps
	2x	5x
	Optical zoom range	Optical zoom range
		
		LiDAR Scanner for Night mode portraits, faster autofocus in low light, and next-level AR experiences
		
A8 chip	A11 Bionic chip	A14 Bionic chip
2 Billion transistors	4.3 Billion transistors	11.8 Billion transistors

iPhone 6 Plus	iPhone X	iPhone 12 Pro Max
Camera		
Single 8MP Wide camera	Dual 12MP Wide and Telephoto cameras	Pro 12MP camera system (Ultra Wide, Wide, and Telephoto)
Wide: <i>f</i> /2.2 aperture	Wide: <i>f</i> /1.8 aperture Telephoto: <i>f</i> /2.4 aperture	Ultra Wide: <i>f</i> /2.4 aperture Wide: <i>f</i> /1.6 aperture Telephoto: <i>f</i> /2.2 aperture
		Night mode
		Deep Fusion
		Apple ProRAW**
Optical image stabilization	Dual optical image stabilization	Sensor-shift optical image stabilization
Digital zoom up to 5x	2x optical zoom in Digital zoom up to 10x	2.5x optical zoom in, 2x optical zoom out; 5x optical zoom range Digital zoom up to 12x
True Tone flash	True Tone flash with Slow Sync	Brighter True Tone flash with Slow Sync
		Night mode portraits
	Portrait mode	Portrait mode with advanced bokeh and Depth Control
	Portrait Lighting with five effects (Natural, Studio, Contour, Stage, Stage Mono)	Portrait Lighting with six effects (Natural, Studio, Contour, Stage, Stage Mono, High-Key Mono)
HDR for photos	Auto HDR for photos	Smart HDR 3 for photos

# iPhone

## Which iPhone should I Buy?



iPhone 12 Pro

BUY NOW



iPhone 12

BUY NOW



iPhone SE

NEUTRAL



iPhone 12 Pro Max  
6.7" A14



iPhone 12 Pro  
6.1" A14



iPhone 12  
6.1" A14



iPhone 12 mini  
5.4" A14



iPhone SE (2nd Gen)  
4.7" A13



iPhone 11  
6.1" A13



iPhone XR  
6.1" A12

Model	Year Released	Price TBD
12 Pro Max	2020	\$1100 128 GB
12 Pro	2020	\$1000 128 GB
12	2020	\$800 64GB
12 mini	2020	\$700 64GB
SE	2020 (Apr)	\$400 64GB
11	2019	\$600 64GB
XR	2018	\$500 64GB



# iPad





# iPad

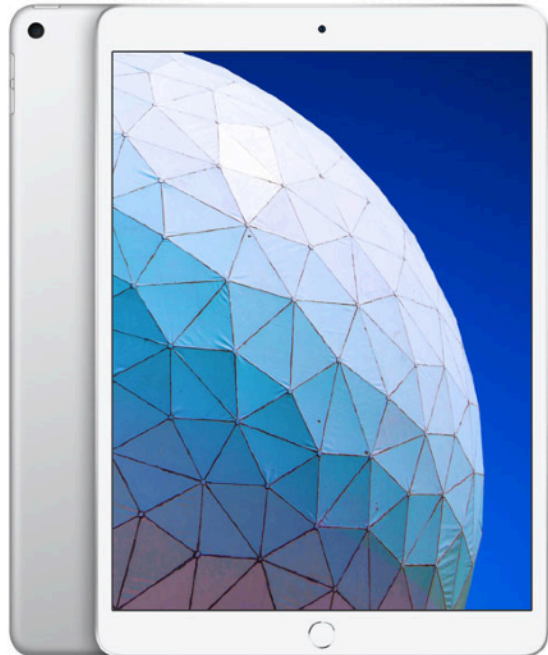
Which iPad should I Buy?



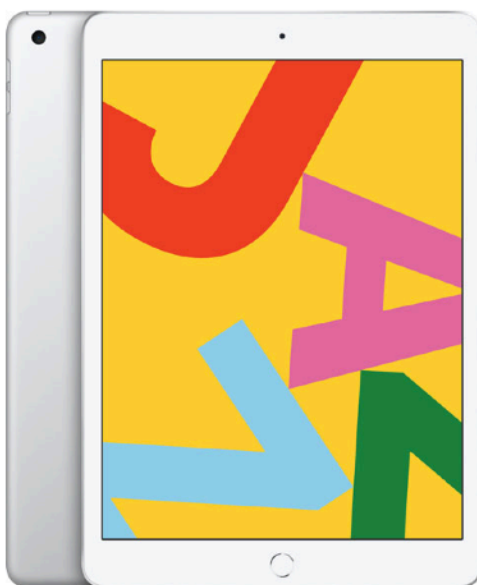
iPad Pro  
12.9"



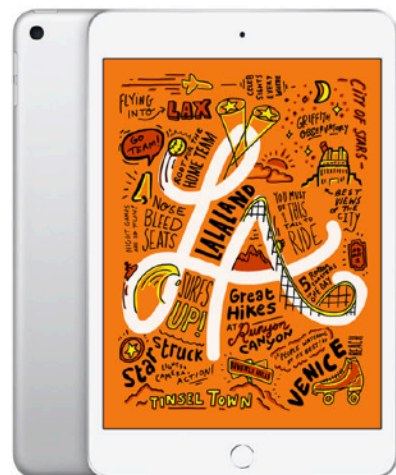
iPad Pro  
11"



iPad Air  
10.5"



iPad  
10.2"



iPad mini  
7.9"



12.9" iPad Pro

NEUTRAL



11" iPad Pro

NEUTRAL



iPad Air

BUY NOW



iPad Mini

CAUTION



iPad

BUY NOW

Model	Year Released	Price (Wi-Fi)
iPad Pro 12.9" 4th Gen	2019	\$1,000 A12Z 64GB
iPad Pro 11" 2nd Gen	2019	\$800 A12Z 64GB
iPad Air 10.9" 4th Gen	2020	\$600 A14 64GB
iPad 10.2" 8th Gen	2020	\$330 A10 32GB
iPad mini 7.9" 5th Gen	2019	\$400 A12 64GB

Cellular ~ \$130 extra + \$10/mo.



# Magic Keyboard

**\$300 for iPad Air 10.9"** (4th Generation)

**\$300 for iPad Pro 11"** (1st & 2nd Generation)

**\$350 for iPad Pro 12.9"** (3rd & 4th Generation)

The Magic Keyboard is an amazing companion for iPad Pro and iPad Air.

It features a great typing experience, a trackpad that opens up new ways to work with iPadOS, a USB-C port for pass-through charging, and front and back protection.

The Magic Keyboard features a floating cantilever design, allowing you to attach it magnetically and smoothly adjust it to the perfect viewing angle for you.

[HT211091](#) Setup and use Magic Keyboard for iPad

## Comfortable typing

Full-size, backlit keys and a scissor mechanism with 1 mm travel for quiet, responsive typing.

## Built-in trackpad

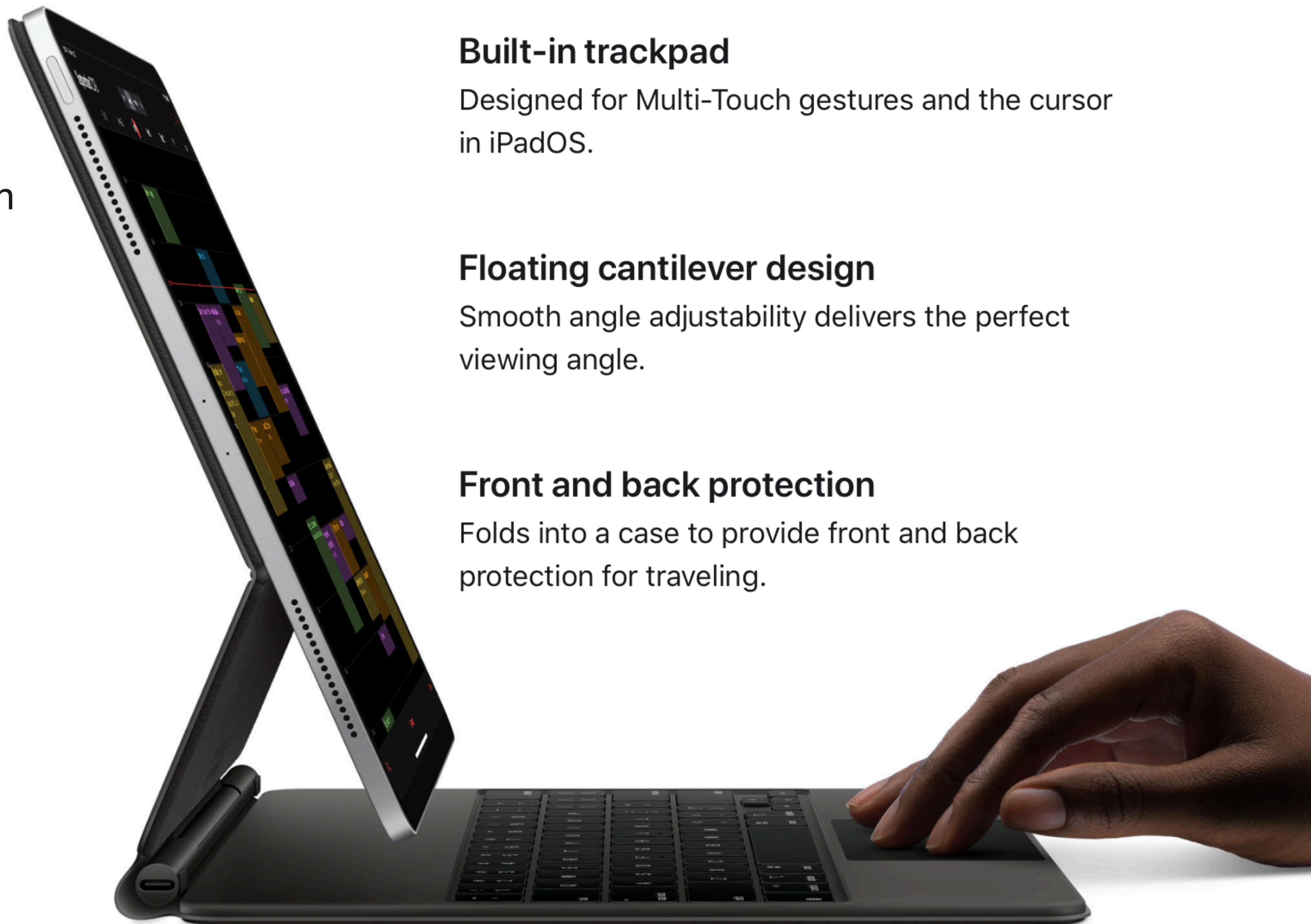
Designed for Multi-Touch gestures and the cursor in iPadOS.

## Floating cantilever design

Smooth angle adjustability delivers the perfect viewing angle.

## Front and back protection

Folds into a case to provide front and back protection for traveling.



# Mac/Macbook





# Mac

## Which Mac should I Buy?



MacBook Air  
13"



MacBook Pro  
13"



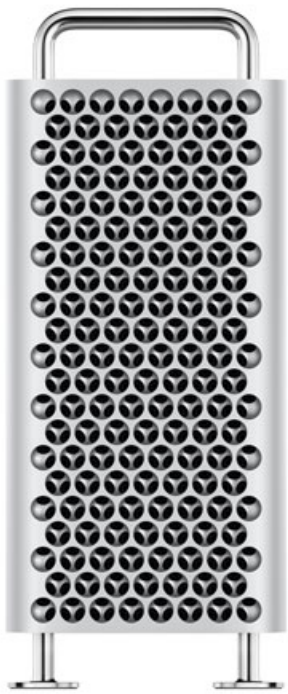
MacBook Pro  
16"



iMac  
21.5"



iMac Pro  
27"



Mac Pro



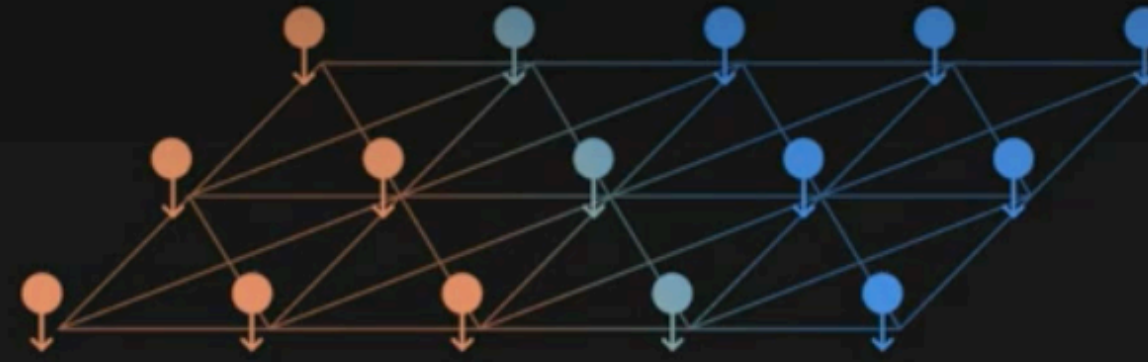
Mac Mini

Model	Year Released	Price
MacBook Air 13"	2020	\$1,000 M1 chip 8GB 256GB SSD
MacBook Pro 13"	2020	\$1,300 M1 chip 8GB 256GB SSD
MacBook Pro 16"	2019	\$2,400 2.6GHz 16GB 512GB SSD
iMac	2017 21.5" 2020 27"	\$1,100 21.5" 2.3GHz 8GB 256GB SSD
iMac Pro	2017	\$5,000 3.0GHz 32GB 1TB SSD
Mac Pro	2019	\$6,000 3.5GHz 32GB 256GB SSD
Mac mini	2020	\$700 M1 chip 8GB 256GB SSD



Apple Event — November 10

**5 nanometer  
process**



Machine learning accelerators



Thunderbolt / USB 4  
controller



Media encode and  
decode engines

**16 billion  
transistors**

 **M1**

16-core

**Neural  
Engine**

11 trillion operations per second

Up to

**8-core  
GPU**

**8-core  
CPU**



Advanced image signal processor



Secure Enclave



Unified memory architecture

**Industry-leading  
performance per watt**





Up to  
**16GB**  
memory

Up to  
**2TB**  
SSD

**macOS Big Sur**

**P3 wide color**

Up to  
**9x**  
faster machine learning

  
Thunderbolt / USB 4

  
Touch ID

  
Wi-Fi 6

**13.3"**  
Retina display

Up to  
**2x**  
faster SSD

  
Advanced camera ISP

  
**MacBook Air**  
\$1,000

  
Magic Keyboard

Up to  
**18 hours**  
battery life

  
Secure Enclave

**Silent design**

Up to  
**3.5x**  
faster CPU


Up to  
**5x**  
faster graphics


**Apple M1**





Up to  
**16GB**  
memory

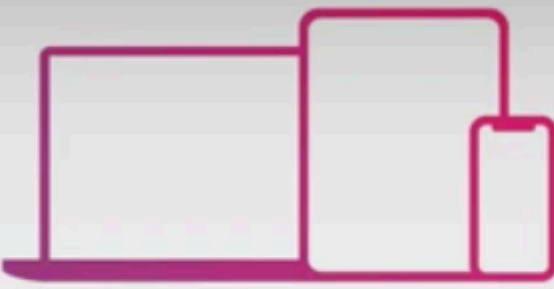
  
Thunderbolt / USB 4

  
Advanced  
camera ISP

Up to

**20 hours**

battery life


  
iPhone and  
iPad apps


Up to


**2.8x**

faster CPU


Up to  
**2TB**  
SSD


  
Touch ID

  
Wi-Fi 6

  
**macOS Big Sur**

**MacBook Pro**  
\$1,300



  
Secure  
Enclave

Up to

**5x**

faster graphics

**P3 wide  
color**

**13.3"**


Retina display

Up to


**11x**

faster machine learning

**Active  
cooling  
system**

  
Magic Keyboard + Touch Bar

**Studio-  
quality  
mics**

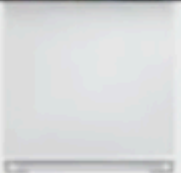
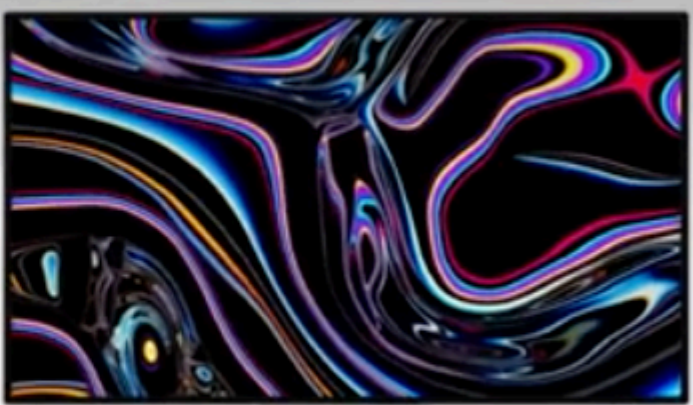
  
**Apple M1**



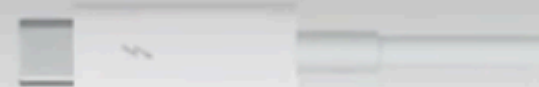


Up to  
**16GB**  
memory

Up to  
**2TB**  
SSD

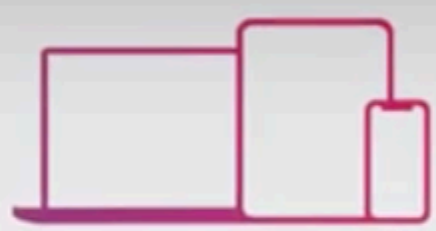


Supports 6K  
external display



Thunderbolt / USB 4

Up to 60% more  
energy efficient



iPhone and  
iPad apps

Up to  
**3x**

faster CPU



Secure  
Enclave

Up to  
**6x**

faster graphics

macOS Big Sur

**Mac mini**  
\$700



Cool and quiet operation



Up to  
**15x**

faster machine learning



Ultra  
compact  
design



HDMI



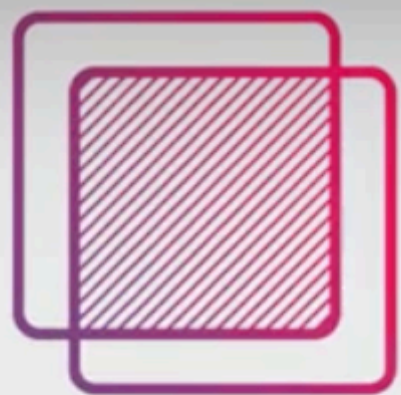
Wi-Fi 6



Gigabit Ethernet

**Apple M1**





Unified memory architecture

Up to  
**3.5x**

faster CPU

Up to  
**6x**

faster GPU

Up to  
**15x**

faster machine learning

**Neural  
Engine**

macOS Big Sur



Up to  
**20 hours**

battery life



Advanced camera ISP

**Industry-leading  
performance per watt**



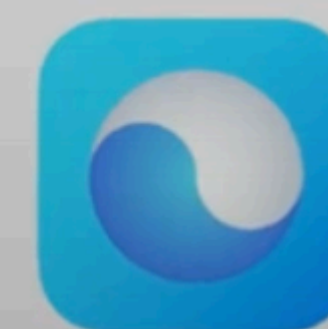
Wi-Fi 6



iPhone and  
iPad apps



Secure  
Enclave



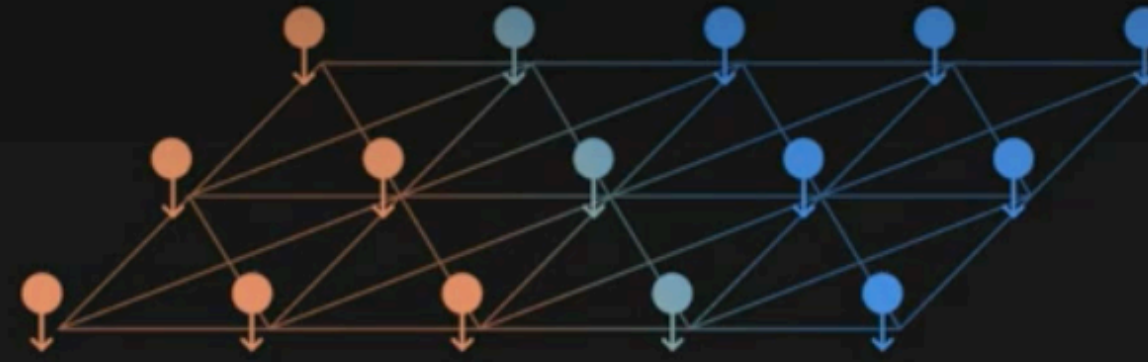
Universal apps

**Apple M1**



Apple Event — November 10

**5 nanometer  
process**



Machine learning accelerators



Thunderbolt / USB 4  
controller



Media encode and  
decode engines

**16 billion  
transistors**

 **M1**

16-core

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11 trillion operations per second

Up to

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**8-core  
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Advanced image signal processor



Secure Enclave



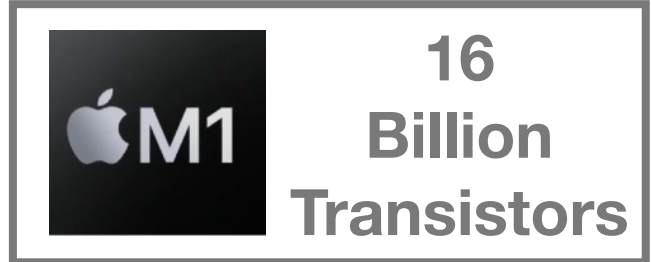
Unified memory architecture

**Industry-leading  
performance per watt**

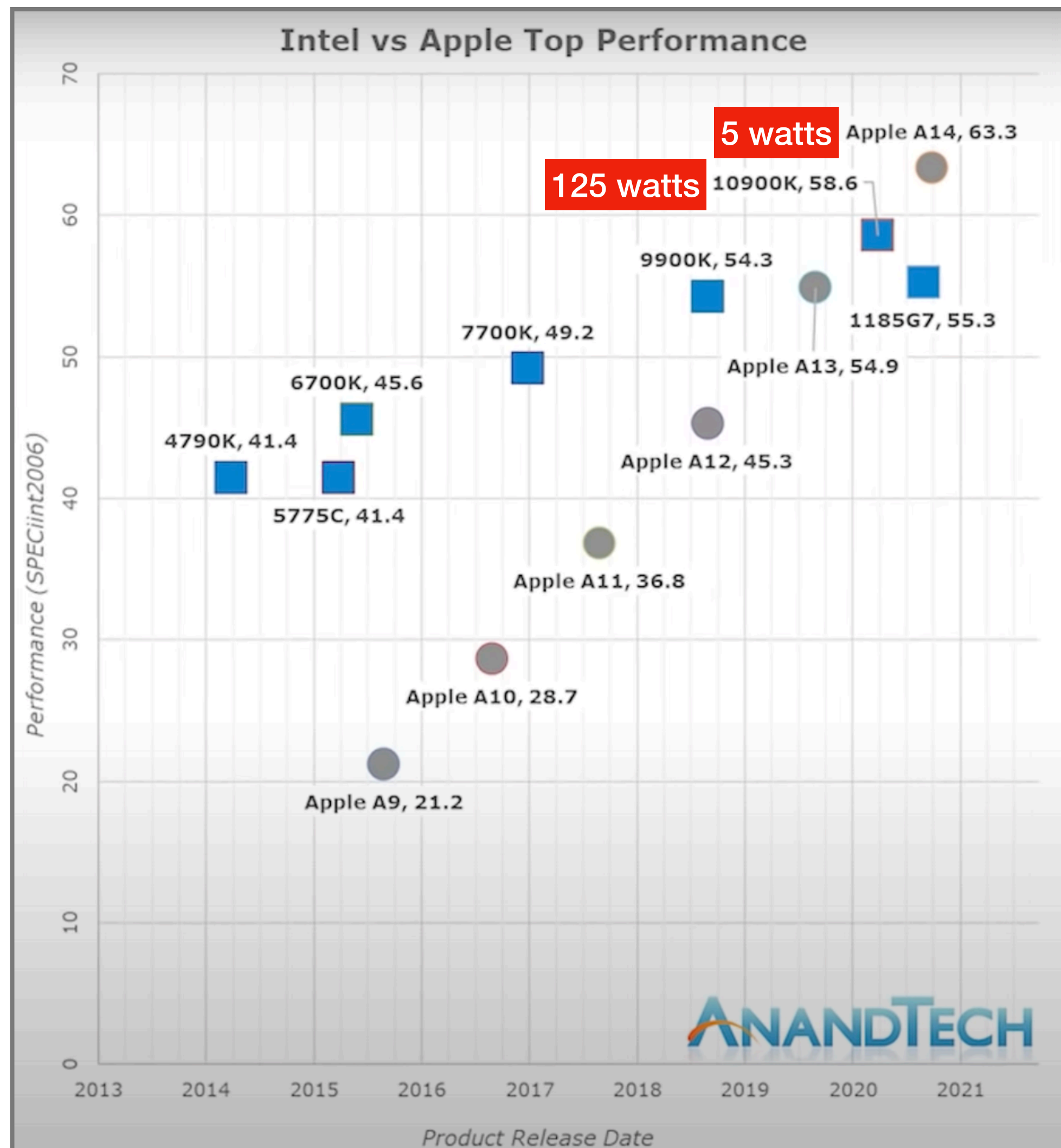


# iPhone Lifespan and Evolution

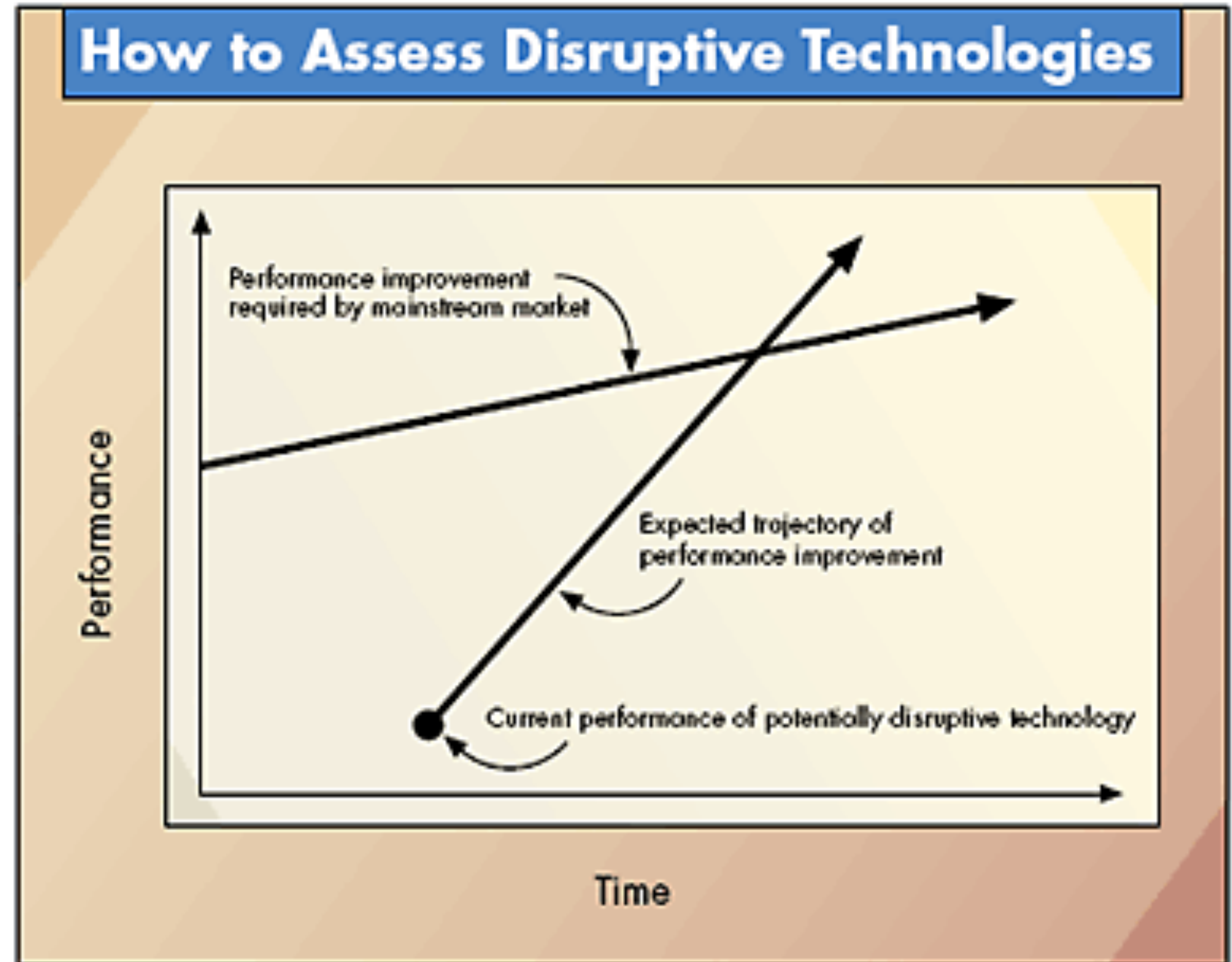
	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
	1	2	3	4	5	6	7	8	9	10	11
Phone	12 Pro Max 12 Pro 12 12 mini	11 Pro Max 11 Pro 11 SE (April 2020)	XS Max XS XR	X 8Plus 8	7 Plus 7	6s Plus 6s SE	6 Plus 6	5s	5 5c	4s	4
	iOS14					6					
		iOS 13				5					
			iOS 12					6			
				iOS 11				5			
					iOS 10				5		
						iOS 9				5	
							iOS 8			4	
								iOS 7			4
Base Storage	64GB Pro 128GB	64GB	64GB	64GB	32GB	16GB	16GB	16GB	16GB	16GB	16GB
Chip	A14 Bionic	A13 Bionic	A12 Bionic	A11 Bionic	A10 Fusion	A9	A8	A7	A6	A5	A4
Transistors	11.8 Billion	8.5 Billion	6.9 Billion	4.3 Billion	3.3 Billion		2 Billion	1 Billion	742 Million		149 Million







[How Apple Just Changed the Entire Industry](#)  
[Morning Brew](#)  
[YouTube](#) Nov 23, 2020



[Disruptive Technologies: Catching the Wave](#)  
[Joseph Bower & Clayton Christensen](#)  
[Harvard Business Review](#) January/February 1995

[Intel Doesn't Want to Talk About Benchmarks Anymore](#)

# Mac



MacBook Air

BUY NOW



13" MacBook Pro

BUY NOW



16" MacBook Pro

DON'T BUY



iMac

CAUTION



iMac Pro

DON'T BUY



Mac Mini

BUY NOW



Mac Pro

NEUTRAL



MacBook Air  
13"



MacBook Pro  
13"



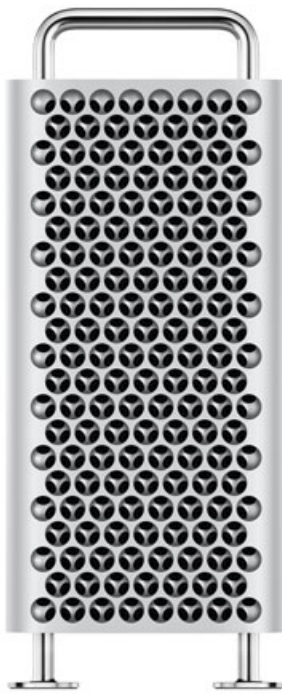
MacBook Pro  
16"



iMac  
21.5"



iMac Pro  
27"



Mac Pro



Mac Mini

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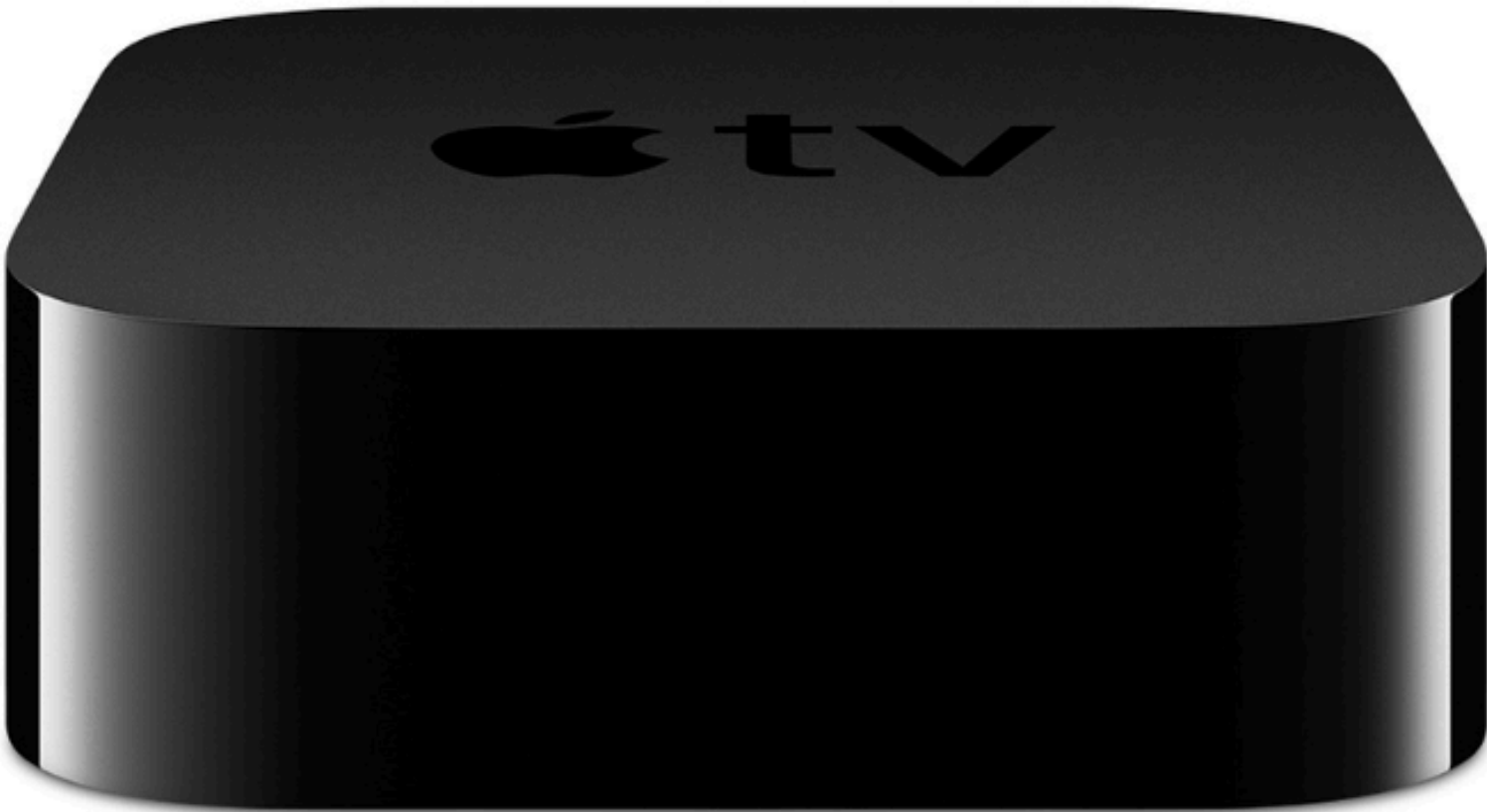


# Apple TV





# Apple TV



Apple TV

DON'T BUY

Model	Year Released	Price
Apple TV 4K	2017	\$179 A10X 6 cores 32GB
Apple TV 4th generation	2015	\$149 A8 2 cores 32GB

The Villages Apple User Group

Apple TV Presentation 3/22/17

<https://www.tvaug.org/presentations/presentations-2017/>

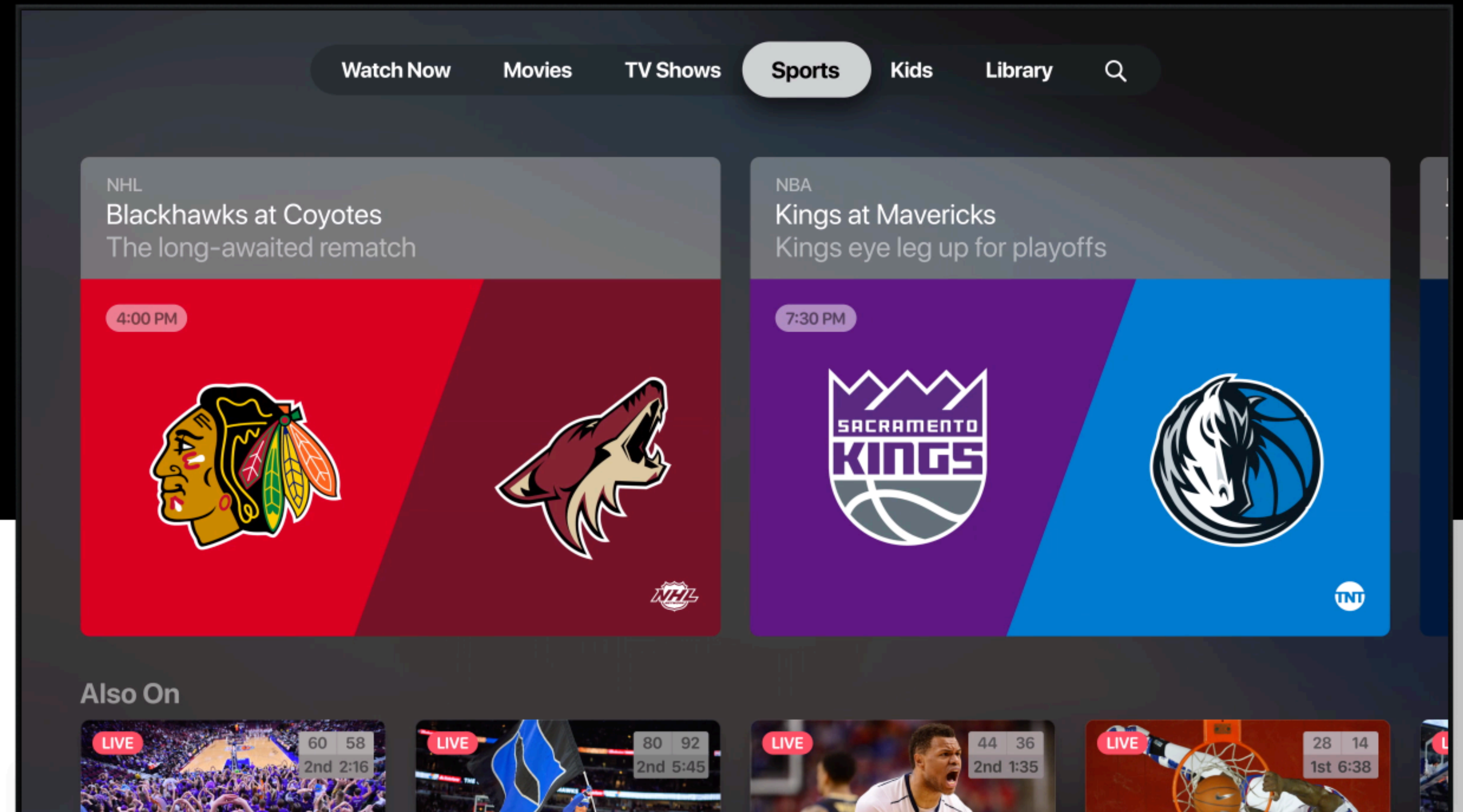




The new Apple TV app

**All your TV.  
All in one app.**

[apple.com/tv-app](https://apple.com/tv-app)



Just the premium channels you want. Thousands of movies to buy or rent. Popular streaming services. The biggest cable TV providers. And original shows and movies from Apple TV+. It's personalized and expertly curated, so you'll discover the best of what's on. And it's all in one place. On all your screens. It's simple — the new Apple TV app is the ultimate way to watch TV.





The Apple TV app



Apple TV+ streams critically acclaimed Apple Original shows and movies, only on the Apple TV app.

Buy. Rent. Watch.  
All inside the app.

Welcome to the new home of thousands of movies, including all the latest blockbusters.

**Take control of your channels.** Now you can quickly and easily subscribe to just the channels you watch — like Showtime, Starz, CBS All Access, and Noggin. There are no new apps, accounts, or passwords needed for up to six family members, and you can even watch offline.

SHOWTIME

STARZ

epix

CBS  
ALL ACCESS

noggin

AMC+

**Streaming services, streamlined.** Easily discover all your favorite shows from streaming services including Disney+, HBO Max, Amazon Prime Video, Hulu, and more — all inside the app.

*Raised by Wolves is available on the Apple TV app with an HBO Max subscription\**

Disney+

HBOmax

hulu

peacock

prime video

pluto tv

**The Apple TV app is everywhere.** The Apple TV app is already on your favorite Apple devices, as well as streaming platforms, popular smart TVs, and AirPlay-enabled devices. Just open the app to start watching.

[Set up your device >](#)



Apple TV



iPhone



iPad



Mac



AirPlay



PC

PlayStation

XBOX

Roku  
Players & TVs

fire tv

SAMSUNG  
Smart TV

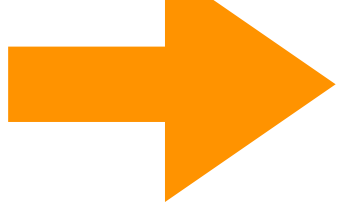
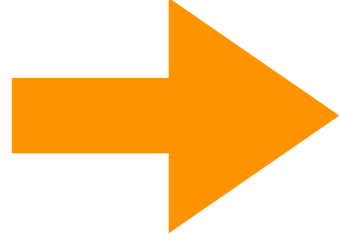
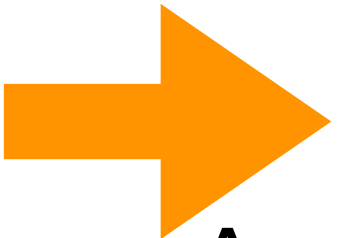
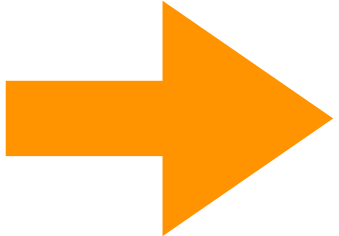
LG SMART TV

VIZIO

SONY



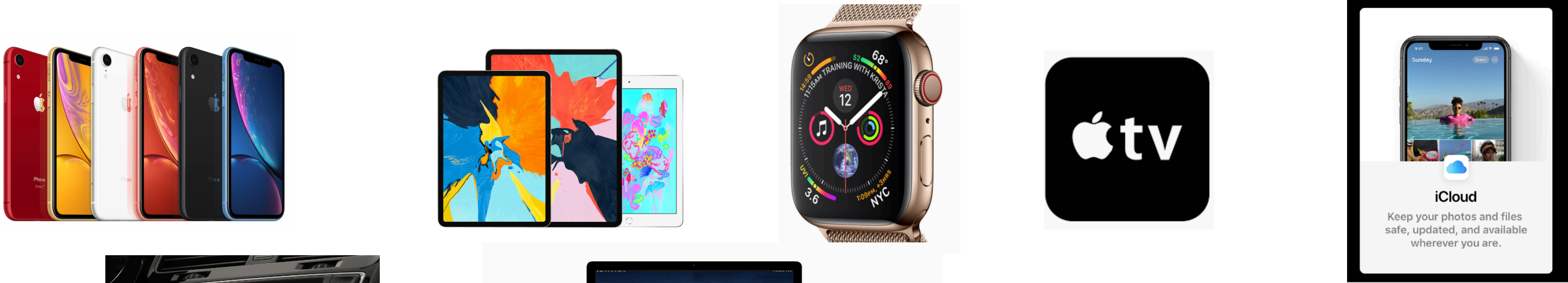
# Buying Considerations

- Should I get this device 
- Apple or non-Apple 
- Which model do I get (new, older, refurbished)? 
- Where to buy?  
(Apple retail store, Apple online store, Apple Store app, Best Buy, Sams, Mobile Carrier etc) 
- Can I trade in my old device? 
- Is now a good time to buy?  <https://buyersguide.macrumors.com>
- Should I get a warranty, and if so, from where? 



End

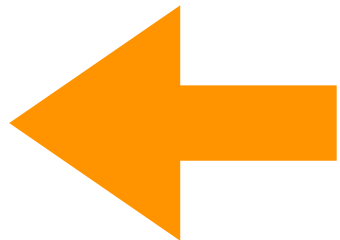
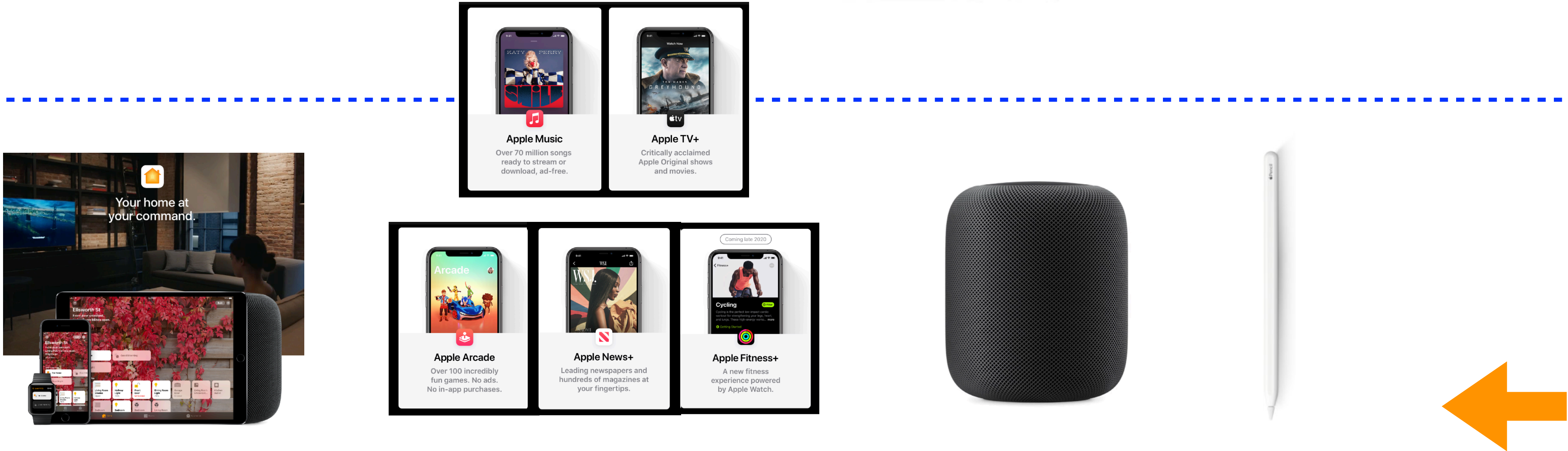
Must Have



Should Have

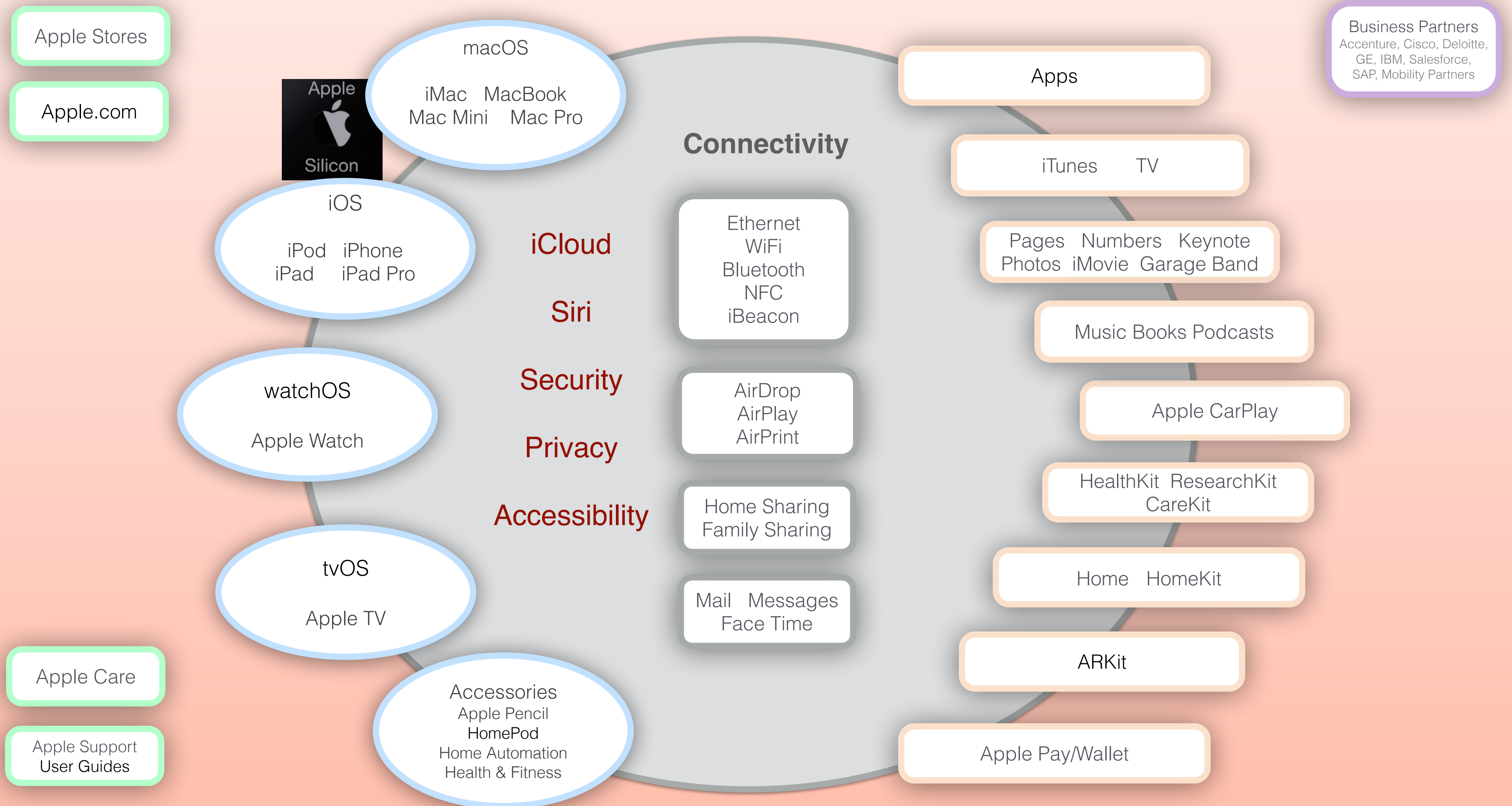


Maybe Have





# The Apple Ecosystem





# Apple Apps (iPhone)



Camera



Photos



Health



Messages



Phone



FaceTime



Keynote



iTunes U



GarageBand



Mail



Music



Wallet



Safari



Maps



Siri



iTunes Remote



Music Memos



Clips



Calendar



iTunes Store



App Store



Notes



News



Contacts



iMovie



Pages



Numbers



Books



Home



Weather



Reminders



Clock



TV



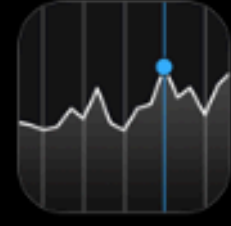
Apple Store



Trailers



Apple TV Remote



Stocks



Calculator



Voice Memos



Compass



Podcasts



Watch



Shortcuts



Tips



Find My iPhone



Find My Friends



Settings

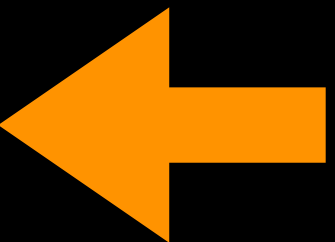


Files



Measure

49 apps



# iPhone Lifespan and Evolution

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	iOS14										
		iOS 13									
			iOS 12								
				iOS 11							
					iOS 10						
						iOS 9					
							iOS 8				
								iOS 7			
Base Storage	64GB	64GB	64GB	64GB	32GB	16GB	16GB	16GB	16GB	16GB	16GB
Chip	A14 Bionic	A13 Bionic	A12 Bionic	A11 Bionic	A10 Fusion	A9	A8	A7	A6	A5	A4
Transistors	11.8 Billion	8.5 Billion	6.9 Billion	4.3 Billion	3.3 Billion		2 Billion	1 Billion			



# Average Lifespans



**~ 5 years**



**~ 5 years**



**~ 5 years**



**~ 5 to 7 years**

Lifespan = ~ years that a new device can accept the latest OS release




# Apple Refurbished

As of 11/30/20


## Guaranteed Apple quality.

Like new products backed by a one-year warranty and the Apple Certified Refurbished promise.


[Learn more >](#)




### Shop Refurbished




Mac




iPad




iPhone




Watch




iPod



HomePod




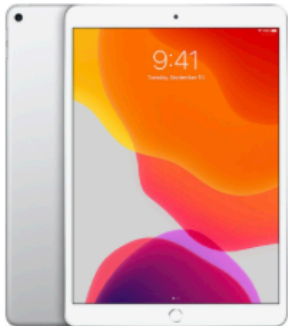







Apple TV




Clearance


<https://www.apple.com/shop/refurbished>

 <p>Refurbished iPhone X 64GB - Space Gray (Unlocked) \$549.00 <del>\$899.00</del> Save \$350.00</p>	 <p>Refurbished iPhone XS 256GB - Space Gray (Unlocked) \$759.00 <del>\$1,049.00</del> Save \$290.00</p>	 <p>Refurbished iPhone XS Max 256GB - Silver (Unlocked) \$849.00 <del>\$1,149.00</del> Save \$300.00</p>
 <p>Refurbished iPad Air Wi-Fi 64GB - Silver \$419.00 <del>\$499.00</del> Save \$80.00</p>	 <p>Refurbished iPad Wi-Fi 32GB - Gold (7th Generation) \$249.00 <del>\$299.00</del> Save \$50.00</p>	 <p>Refurbished iPad mini 5 Wi-Fi 64GB - Space Gray \$339.00 <del>\$399.00</del> Save \$60.00</p>
 <p>Refurbished 15.4-inch MacBook Pro 2.4GHz 8-core Intel Core i9 with Retina display and Radeon Pro Vega 20 - Space Gray \$3,189.00</p>	 <p>Refurbished 13.3-inch MacBook Pro 2.3GHz quad-core Intel Core i5 with Retina display - Space Gray \$1,269.00 <del>\$1,749.00</del> Save \$480.00</p>	 <p>Refurbished 13.3-inch MacBook Pro 1.4GHz quad-core Intel Core i5 with Retina display - Space Gray \$1,019.00 <del>\$1,249.00</del> Save \$230.00</p>


# Where to buy?




Face masks  
(will be provided)




Touchless  
temperature checks




Limiting store  
occupancy



Physical  
distancing

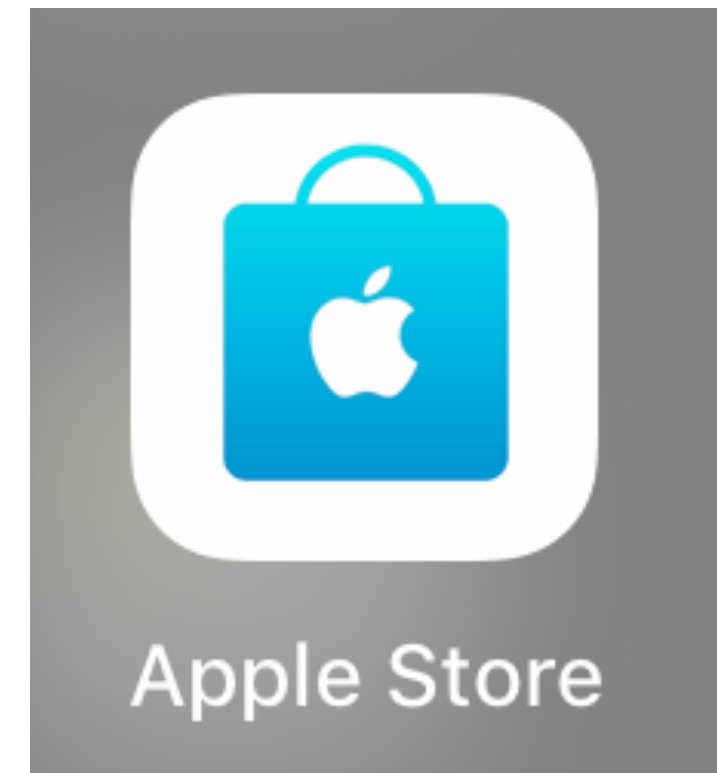


Continuous deep  
cleaning

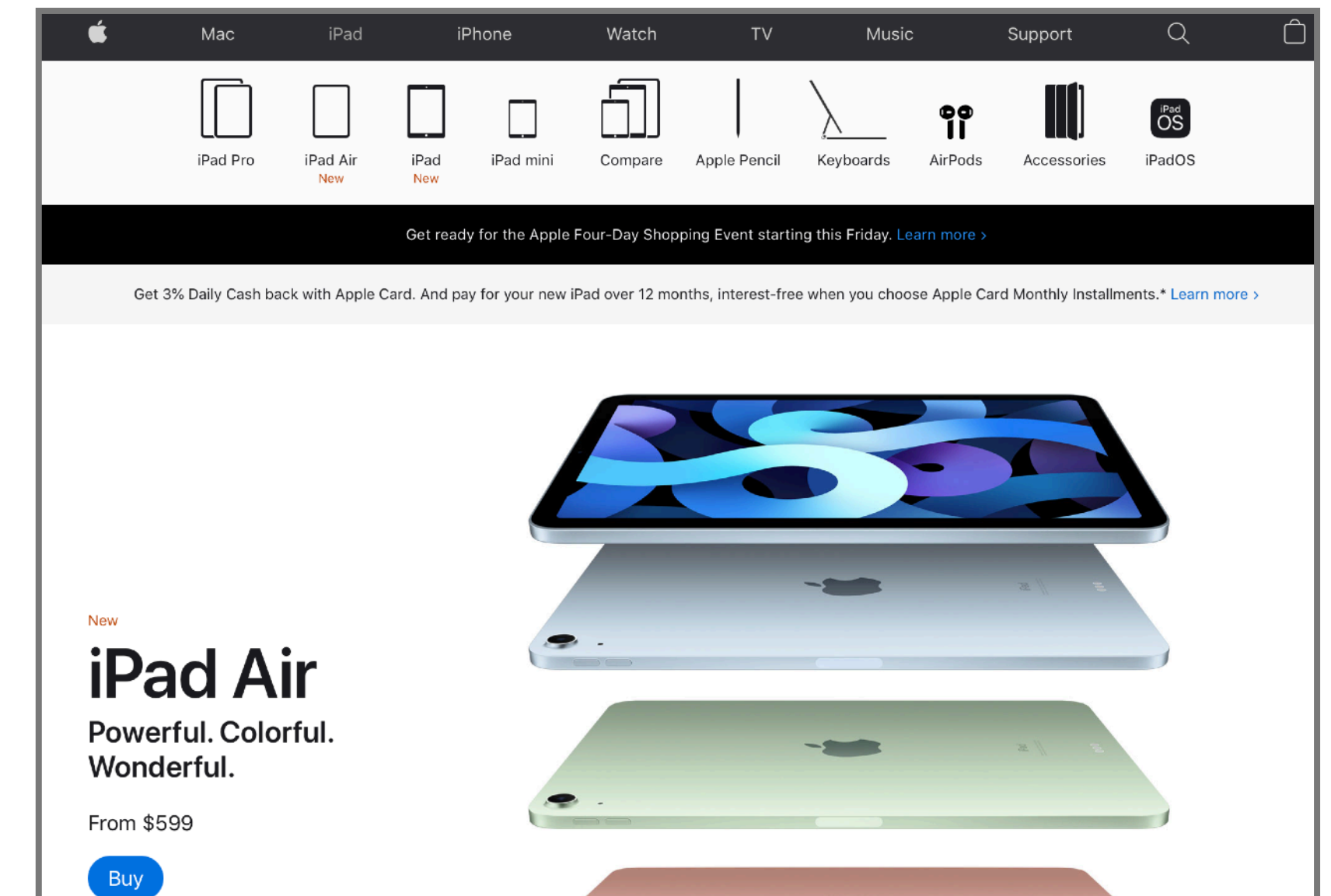


**Apple Millenia**

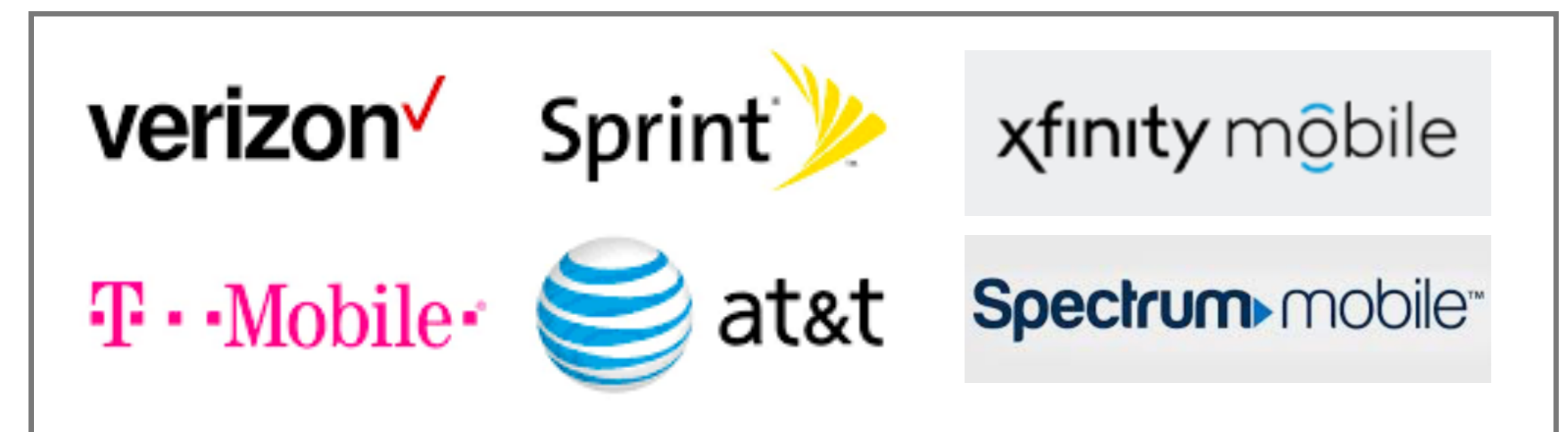
4200 Conroy Road  
Orlando, FL 32839  
(407) 352-5551



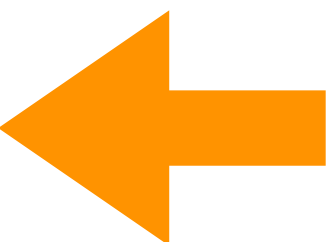
iPhone/iPad app



[apple.com](https://apple.com)



*Caveat emptor*





# Trade In

[apple.com/shop/trade-in](https://apple.com/shop/trade-in)

Apple GiveBack


## Turn the device you have into the one you want.

Trade in your eligible device for an Apple Store Gift Card or a refund on your purchase.<sup>1</sup> If your device isn't eligible for credit, we'll recycle it for free. No matter the model or condition, we can turn it into something good for you and good for the planet.




Get credit on a gift card


Select your device to get a trade-in estimate for an Apple Store Gift Card.<sup>1</sup>




Smartphone  
Up to \$500




Tablet  
Up to \$375



Computer  
Up to \$1000



Watch  
Up to \$175

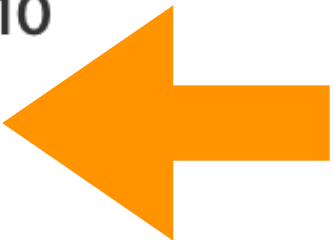


Other devices  
Recycle

You'll see what it's worth instantly.

Can trade in a few non-Apple devices for credit (e.g Google, Samsung, HP, Lenovo) and others for free recycling only.

Your device	As of 11/17/20	Estimated trade-in value*
iPhone 11 Pro Max		Up to \$500
iPhone 11 Pro		Up to \$450
iPhone 11		Up to \$350
iPhone XS Max		Up to \$370
iPhone XS		Up to \$300
iPhone XR		Up to \$250
iPhone X		Up to \$250
iPhone 8 Plus		Up to \$210
iPhone 8		Up to \$140
iPhone 7 Plus		Up to \$140
iPhone 7		Up to \$100
iPhone 6s Plus		Up to \$80
iPhone 6s		Up to \$60
iPhone 6 Plus		Up to \$50
iPhone 6		Up to \$30
iPhone SE (2nd generation)		Up to \$210





iPhone 12 Pro

BUY NOW



iPhone 12

BUY NOW



iPhone SE

NEUTRAL



12.9" iPad Pro

NEUTRAL



11" iPad Pro

NEUTRAL



iPad Air

BUY NOW



iPad Mini

CAUTION



iPad

BUY NOW

Is now a  
good time  
to buy?



## iPhone 12

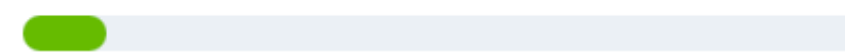
Buy Now Just Updated

The iPhone 12 and iPhone 12 mini are Apple's mainstream flagship iPhones for 2020. The phones come in 6.1-inch and 5.4-inch sizes with identical features, including support for faster 5G cellular networks, OLED displays, improved cameras, and Apple's latest A14 chip, all in a completely refreshed design. The iPhone 12 went up for pre-order on October 16 ahead of an October 23 launch, while the iPhone 12 mini became available for pre-order on November 6 ahead of a November 13 launch.

[iPhone 12 Roundup](#)

Days since last release

Oct 2020



40

Average



371

Recent releases

Sep 2019



399

Oct 2018



329

## Recent Rumors

**Nov 20 2020**

Leather Sleeve for iPhone 12 Models Now Available From Apple

**Nov 18 2020**

Apple Investigating Display Issues With iPhone 12 Models, Including Flickering and Green/Gray Glow

**Nov 16 2020**

iFixit's iPhone 12 Mini Teardown Reveals Apple's Miniaturized Components

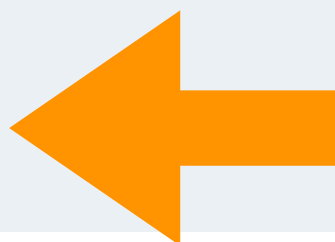
**Nov 14 2020**

Apple Says Hearing Aid Sound Issues With iPhone 12 Models Will Be Fixed in Future Software Update

**Nov 14 2020**

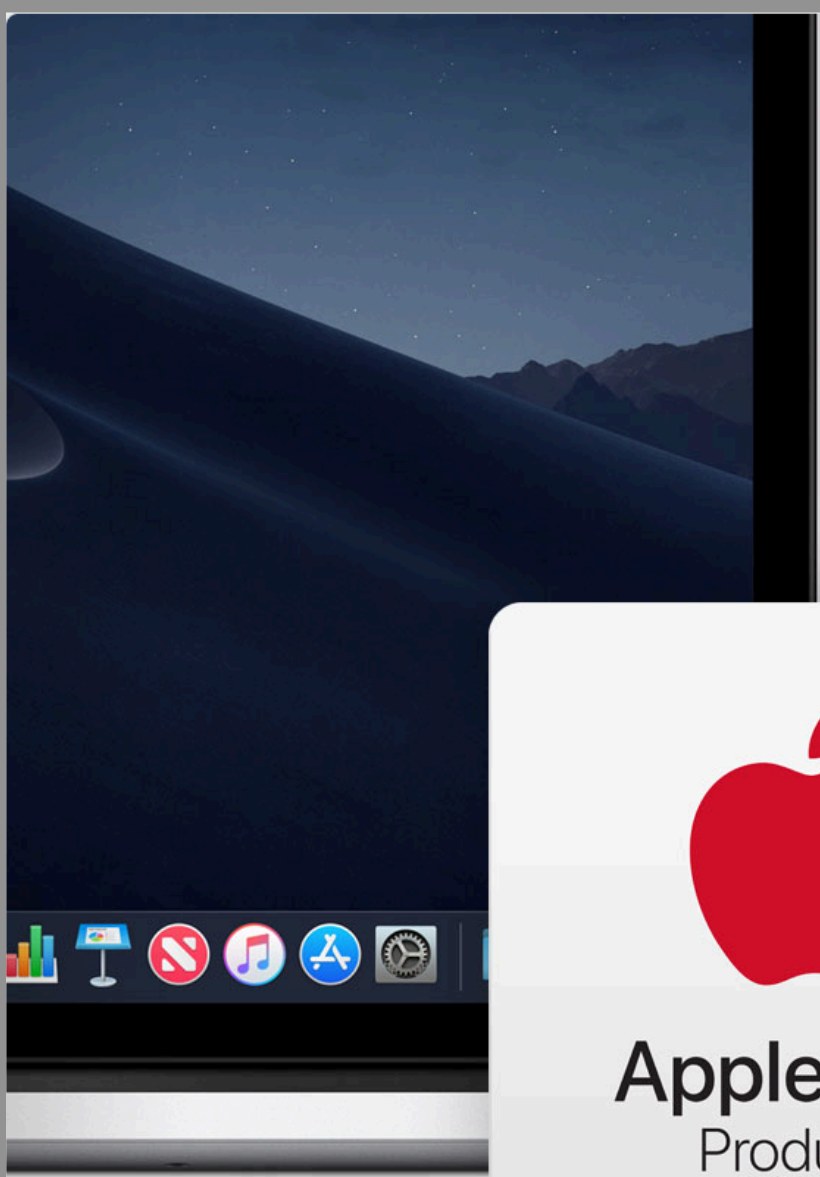
iPhone 12 Mini Users Report Lock Screen Touch Sensitivity Issues

[iPhone 12 Rumors](#)





# AppleCare



## Service and support from the people who know your Apple products best.

Most Apple hardware comes with a one-year limited warranty and up to 90 days of complimentary telephone technical support. To extend your coverage further, purchase the AppleCare Protection Plan or AppleCare+.






Because Apple makes the hardware, the operating system, and many applications, Apple products are truly integrated systems. And only AppleCare products give you one-stop service and support from Apple experts, so most issues can be resolved in a single call.

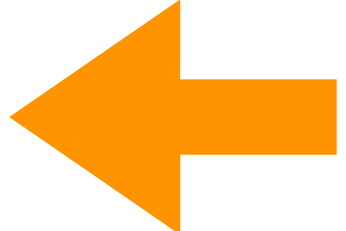
- ✓ **One stop for technical support**
- ✓ **Apple hardware coverage**
- ✓ **Software support included**

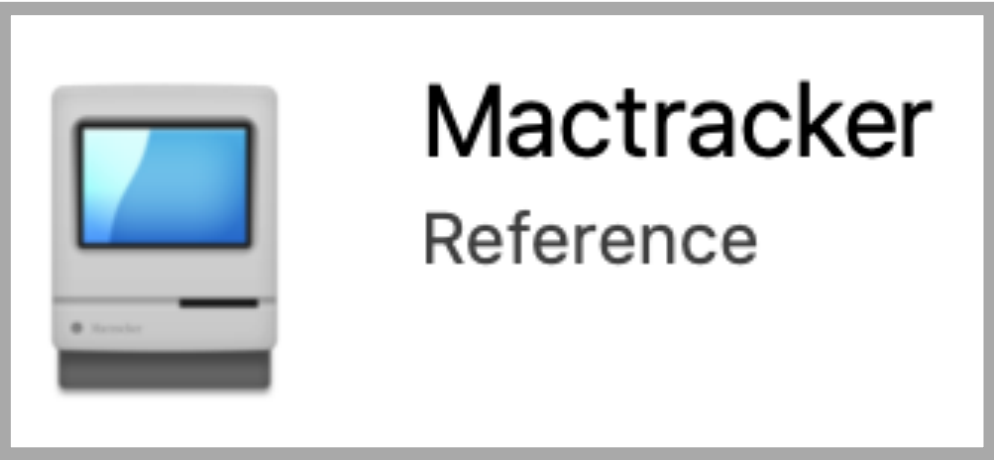


For non-Apple devices

<https://www.apple.com/support/products/>

<p><b>For Mac</b></p> <p>Get up to three years of hardware coverage and software support for your Mac.</p> <p><a href="#">Learn more ▶</a></p> 	<p><b>For iPad</b></p> <p>Get up to two years of technical support and hardware repair coverage for your iPad.</p> <p><a href="#">Learn more ▶</a></p> 	<p><b>For iPhone</b></p> <p>Get up to two years of technical support and hardware repair coverage for your iPhone.</p> <p><a href="#">Learn more ▶</a></p> 	<p><b>For Apple Watch</b></p> <p>Depending on the model, get up to one or two years of hardware repair coverage and telephone support.</p> <p><a href="#">Learn more ▶</a></p> 	<p><b>For Apple TV, HomePod or iPod</b></p> <p>Get up to two years of hardware coverage and technical support for your Apple TV, HomePod or iPod.</p> <p><a href="#">Learn more about Apple TV ▶</a></p> <p><a href="#">Learn more about HomePod ▶</a></p> <p><a href="#">Learn more about iPod ▶</a></p> 
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Available for PC/Mac/iOS

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Models

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General

Current Models >

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Desktops

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iMac >

Mac mini >

Mac Pro >

Performa >

Power Macintosh >

iPad Pro 11-inch (2nd generation) (Wi-Fi)

General

Software

Chip and Memory

Connections

History

OVERVIEW

Introduced

March 2020

Discontinued

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Model Identifier

iPad8,9

Model Number

A2228

EMC

3349

Order Number

MY232LL/A (128 GB Space Gray) MXDC2LL/A (256 GB Space Gray) MXDE2LL/A (512 GB Space Gray) MXDG2LL/A (1 TB Space Gray) MY252LL/A (128 GB Silver) MXDD2LL/A (256 GB Silver) MXDF2LL/A (512 GB Silver) MXDH2LL/A (1 TB Silver)

Initial Price

\$799 (128 GB) \$899 (256 GB) \$1,099 (512 GB) \$1,299 (1 TB)

Support Status

Supported

Colors

Space Gray or Silver

Weight and Dimensions

1.04 lbs., 9.74 H x 7.02 W x 0.23 D inches

DISPLAY

Display Size

11-inch (diagonal) widescreen

Display Resolution

2388-by-1668 resolution

Refresh Rate

24 - 120Hz ProMotion



# Q & A

