



Entering The Big Apple: Buying an iPhone, iPad, iPod, Apple Watch, Apple TV or other devices

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iPhones/ smartphones



Buying an iPhone



iphones





Definitions and Explanations

What is a Smartphone?

- It is a cellular telephone with built-in applications and internet access.
- In addition to digital voice service, modern smartphones provide text messaging, e-mail, web browsing, still and video cameras, mp3 player and video playback and calling.
- In addition to their built-in functions, smartphones run both free and paid applications (apps), turning the once single-minded cellphone into a mobile personal computer.



Should You Upgrade?

- Faster processor.
- Newer Operating System?
- Some apps will not upgrade
- Improved camera
- Larger screen size?
- Larger Hard Drive
- Battery eventually dies
- Physical degradation



basic iphone Lineup

An advertisement for the basic iPhone lineup. It features five iPhone models displayed against a black background. From left to right: iPhone SE (black), iPhone XR (black), iPhone 11 (black), iPhone 12 (blue), and iPhone 12 Pro (blue). Below each phone, the model name and starting price are listed.

Model	Starting Price
iPhone SE	From \$399
iPhone XR	From \$499
iPhone 11	From \$599
iPhone 12	From \$699
iPhone 12 Pro	From \$999



GRAND
COMPUTERS
CLUB

Your
Technology
Needs

Total iPhone Lineup

iPhone 5 SE

iPhone 6

iPhone 6 Plus

iPhone 6s

iPhone 6s Plus

iPhone 7

iPhone 7 Plus

iPhone 8

iPhone 8 Plus

iPhone X

iPhone Xs

iPhone X Max

iPhone Xr

iPhone 11

iPhone 11 Pro

iPhone 11 Pro Max

iPhone 12

iPhone 12 Mini

iPhone 12 Pro

iPhone 12 Max

See: <https://www.apple.com/iphone/compare/>



New iPhone Lineup costs

IPHONE 12 PRICING: ALL FOUR NEW MODELS

	64GB	128GB	256GB	512GB
iPhone 12 Mini (Carrier model)	\$699	\$749	\$849	N/A
iPhone 12 Mini (SIM-free from Apple)	\$729	\$779	\$879	N/A
iPhone 12 (Carrier model)	\$799	\$849	\$949	N/A
iPhone 12 (SIM-free from Apple)	\$829	\$879	\$979	N/A
iPhone 12 Pro	N/A	\$999	\$1,099	\$1,299
iPhone 12 Pro Max	N/A	\$1,099	\$1,199	\$1,399



New iPhone Lineup features



Five Colors: The iPhone 12 mini and base iPhone 12 come in 64, 128, and 256GB models in **black, blue, green, red, or white**. The higher-end phones have 128, 256, and 512GB sizes in **blue, gold, gray, or silver**.



iphone Lineup: New Phones

	iPhone 12 Mini	iPhone 12	iPhone 12 Pro	iPhone 12 Pro Max
Lowest Price	\$699	\$799	\$999	\$1,099
Processor	Apple A14 Bionic	Apple A14 Bionic	Apple A14 Bionic	Apple A14 Bionic
Storage	64GB, 128GB, 256GB	64GB, 128GB, 256GB	128GB, 256GB, 512GB	128GB, 256GB, 512GB
Connectivity	LTE, 5G	LTE, 5G	LTE, 5G	LTE, 5G
Display Size	5.4 inches	6.1 inches	6.1 inches	6.7 inches
Display Type	OLED	OLED	OLED	OLED
Display Resolution	2,340 by 1,080	2,532 by 1,170	2,778 by 1,284	2,778 by 1,284
Front-Facing Camera	12MP	12MP	12MP	12MP
Rear Cameras	12MP, 12MP Wide	12MP, 12MP Wide	12MP, 12MP Wide, 12MP Telephoto	12MP, 12MP Wide, 12MP Telephoto, LiDAR Scanner
OS	iOS 14	iOS 14	iOS 14	iOS 14
Special Features	MagSafe	MagSafe	MagSafe, LiDAR, Apple ProRAW	MagSafe, LiDAR, Apple ProRAW



New iPhone Lineup features

Regular vs pro: Camera



The biggest difference between the regular and Pro phones in 2020 is cameras. The iPhone 12 mini and base iPhone 12 have regular and ultrawide main cameras. The higher-end Pro phones add optical zoom: 2x on the 12 Pro and 2.5x on the 12 Pro Max. The higher-end phones also have LiDAR sensors to speed autofocus in low light, as well as the ability to capture Dolby Vision HDR video.



Camera Comparison: Top 3 Models

iPhone 12 Pro	iPhone 12	iPhone 12 mini
Pro: 12MP camera system (Ultra Wide, Wide, and Telephoto)	Dual 12MP camera system (Ultra Wide and Wide)	Dual 12MP camera system (Ultra Wide and Wide)
Ultra Wide: $f/2.4$ aperture Wide: $f/1.6$ aperture Telephoto: $f/2.0$ aperture	Ultra Wide: $f/2.4$ aperture Wide: $f/1.6$ aperture	Ultra Wide: $f/2.4$ aperture Wide: $f/1.6$ aperture
Night mode	Night mode	Night mode
Deep Fusion	Deep Fusion	Deep Fusion
Apple ProRAW**	—	—
Dual optical image stabilization	Optical image stabilization	Optical image stabilization
2x optical zoom in, 2x optical zoom out; 4x optical zoom range Digital zoom up to 10x	2x optical zoom out Digital zoom up to 5x	2x optical zoom out Digital zoom up to 5x
Brighter True Tone flash with Slow Sync	Brighter True Tone flash with Slow Sync	Brighter True Tone flash with Slow Sync
Night mode portraits	—	—
Portrait mode with advanced bokeh and Depth Control	Portrait mode with advanced bokeh and Depth Control	Portrait mode with advanced bokeh and Depth Control



What's In The Box?



iPhone

USB-C to Lightning Cable

Headphones no longer included.



New iPhone Lineup: About Magsafe

The new iPhone 12 lineup offers a MagSafe feature that offers fast induction charging through new Apple MagSafe chargers, as well as the ability to attach accessories magnetically to the backside of the iPhone.

The MagSafe charging system automatically aligns the iPhone correctly in the charger, relieving the user of the worry of not properly aligning the device for an efficient charging experience.



\$129.00 wireless charger (separate).



New iPhone Lineup: About 5G

On paper, 5G promises to be up to 25 times faster than 4G. Download speeds can exceed 4 Gbps, which is way faster than most broadband connections. Movies, games and more can be downloaded in just seconds.



From PC Mag: Tests have shown that 5G in the US can't support different applications than 4G, yet. In tests Verizon's network was fast, but only available in 4 percent of our locations. There is a new "nationwide" Verizon 5G network ready to go, but its speeds are slower than 4G. AT&T's 5G network is also slower than 4G. T-Mobile's 5G network came out much faster than its 4G network, but the results overall were still in the 4G range.

Phoenix & Surprise: Very limited coverage in Phoenix area (mostly Verizon and Sprint), no 5G in Surprise.

Which Hard Drive Is Right For you? 32 , 64, 128, or 256 GB?



32 GB ONLY AVAILABLE IN OLDER IPHONES.



iOS 14 (Operating System)





iOS 14 Main Features

- **Widgets**

- **Picture-in-picture on iPhone:**

- **Siri:** The Siri interface has been overhauled to no longer take over the full screen and can do speech-to-text transcription entirely on-device for the sake of speed and privacy.

- **Messages:** You can now pin your most important conversations to the top of your messages list, and you can setup notifications on noisy group messages to only alert you when you're mentioned by name.

- **CarPlay:** CarPlay has new wallpaper options, along with a handful of new built-in apps focusing on things like parking, charging, and food ordering. Meanwhile, Apple has been working with a handful of car makers (including BMW) to allow you to use your phone as a key.



iPhone Special Features

iPhone: Touch ID (through iPhone 8)

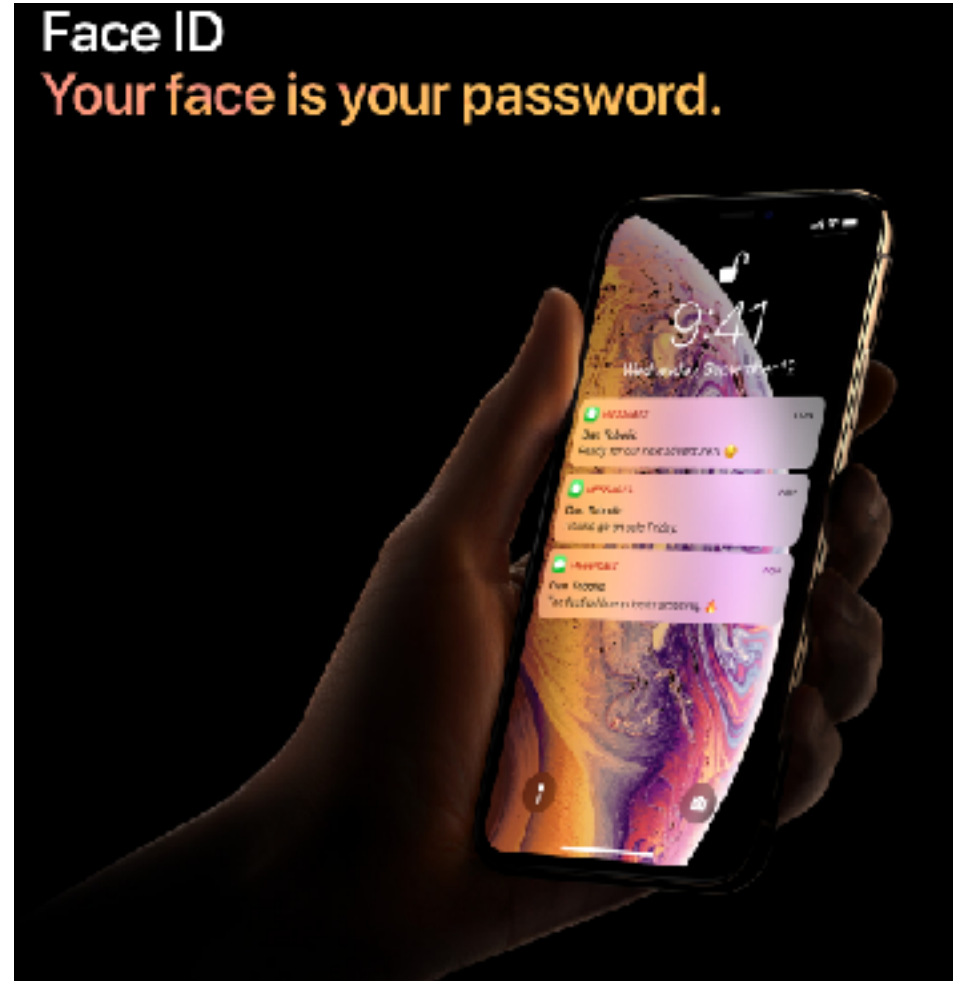


Security. Right at
your fingertip.

Your fingerprint is the perfect password. You always have it with you. And no one can ever guess what it is. Our breakthrough Touch ID technology uses a unique fingerprint identity sensor to make unlocking your phone easy and secure. And with new developments in iOS 8 and Touch ID, your fingerprint will grant you faster access to so much more.



iPhone: Face ID (iPhone X, 11,12 Models)



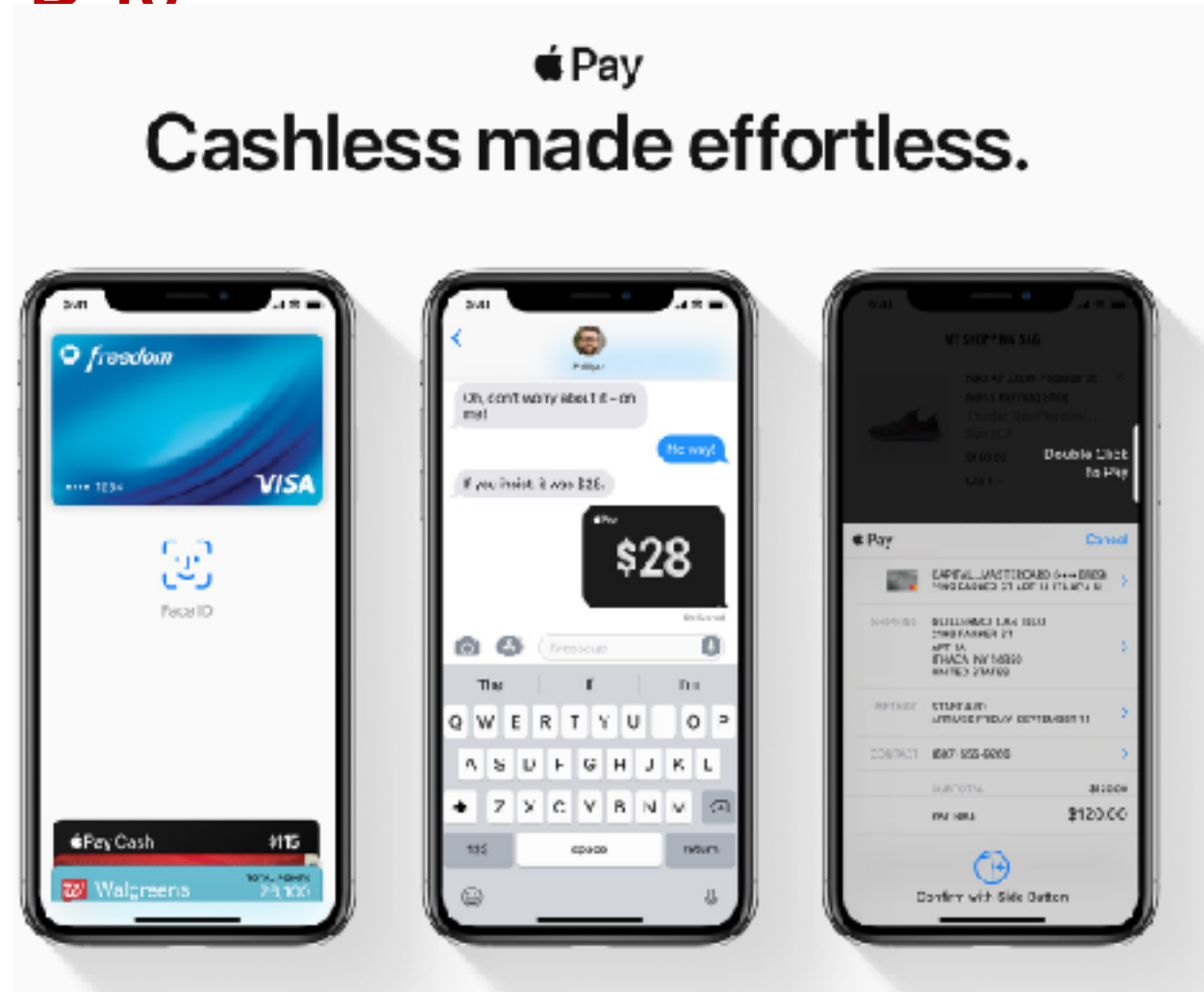
Apple Pay: Wallet



Boarding Pass



iPhone/iPad: Apple Day

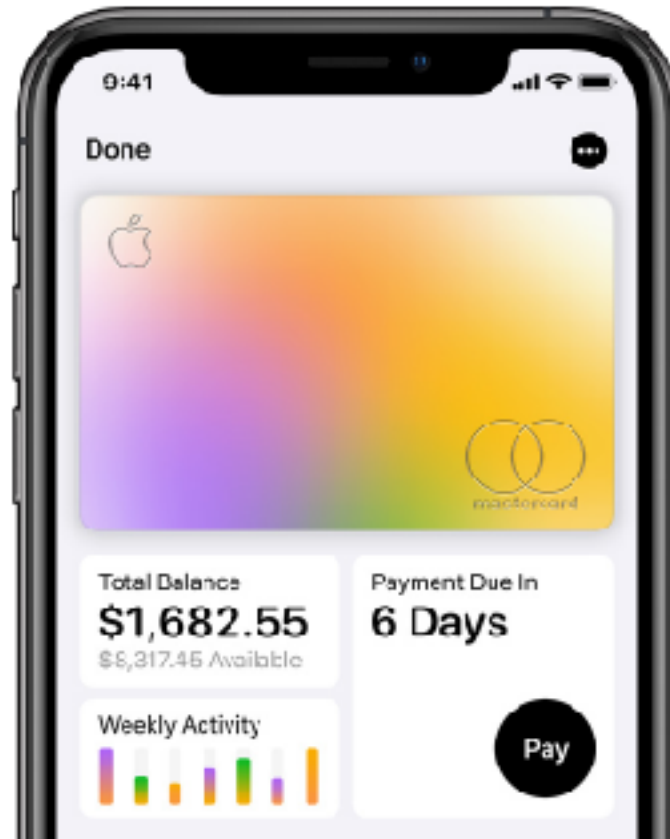


Apple card



Apple-designed titanium card optional. ^{2/11/20}

Apple card



Apple Card lives on your iPhone, in the Wallet app. And that makes all kinds of new things possible.

You can sign up in no time and start using it right away with Apple Pay.¹ For every purchase you make, you get Daily Cash back. And it really is cash. So you can spend it however you want, right from your iPhone. Have a question? Just text. It's that simple.



iPhone: CarPlay

CarPlay is a smarter and safer way to use your iPhone in the car — allowing you to stay focused on the road. When you connect your iPhone to CarPlay, you can get turn-by-turn directions, make calls, send and receive messages, listen to music, and more.



Every major automobile manufacturer has partnered with us in supporting CarPlay. There are over 600 models to choose from, with more on the way.



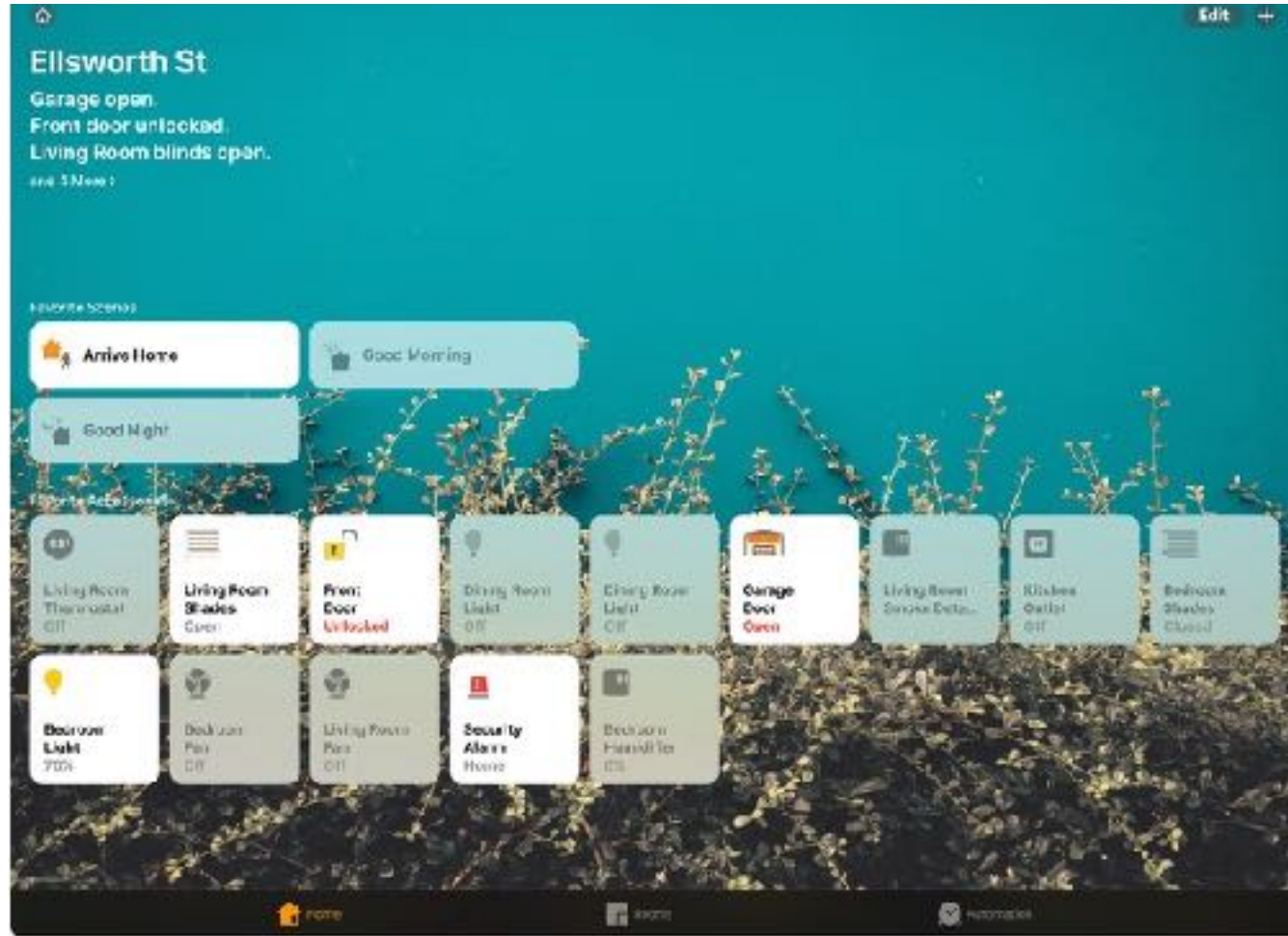
iPhone: CarPlay



Beginning with select new 2021 car models, you can now unlock and start your car with iPhone. Sharing keys with friends or family is easy too. You can also create restricted profiles, perfect for new drivers. Car keys will even work for up to five hours after your iPhone battery runs out.



iPhone/iPad: Homekit





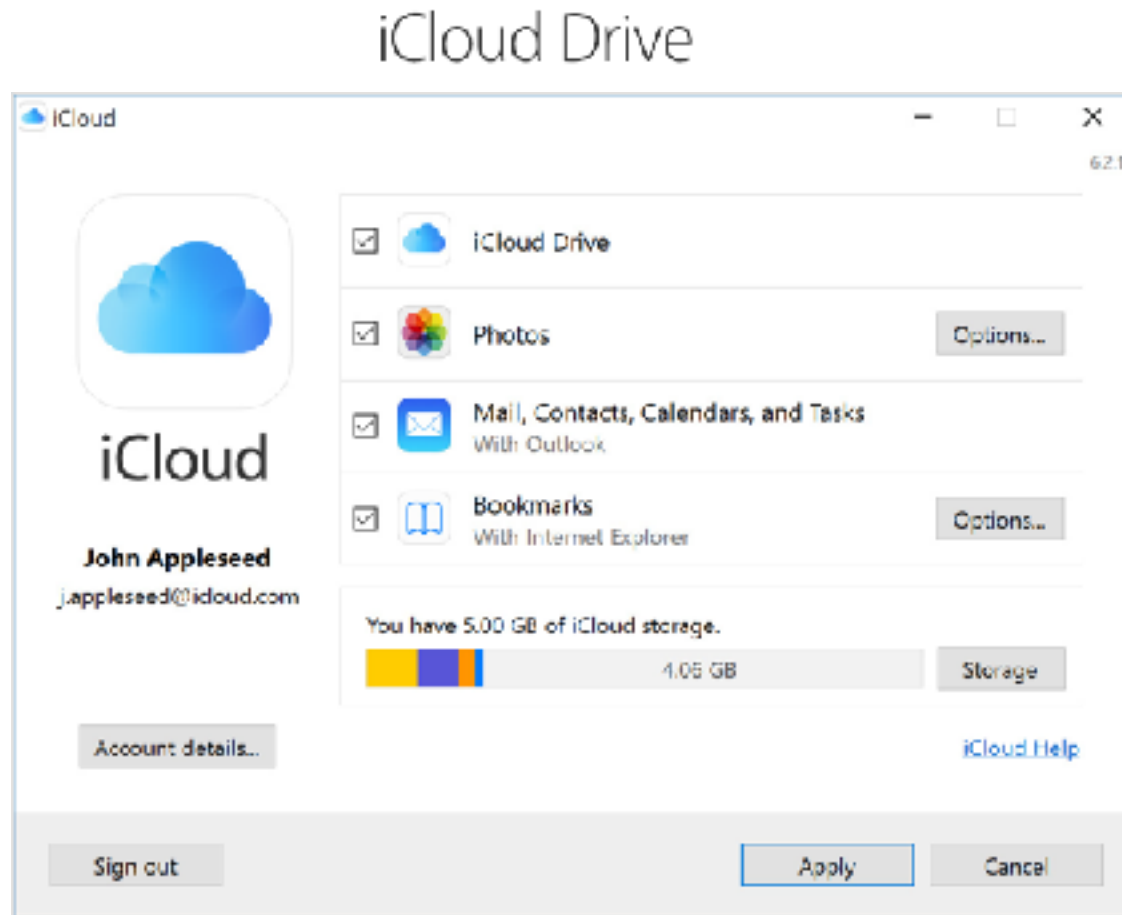
iPhone & iPad: iCloud Drive

iCloud is built into every Apple device. That means all your stuff — photos, files, notes, and more — is safe, up to date, and available wherever you are. And it works automatically, so all you have to do is keep doing what you love. Everyone gets 5GB of free iCloud storage to start, and it's easy to add more at any time.





iPhone & iPad: iCloud Drive.





buying an iphone



iPhones: Prices buying phone outright.
Available from Apple, other retailers,
carriers.

AT&T and others have various 2-year
financing plans: for example 12, 18, 24
and 30% down.



iPhone Lineup: Price Summary: Apple Store Upgrade Program

- Apple's iPhone Upgrade Program allows you to pay for your phone over two years or upgrade to a new one after at least 12 payments.
- Monthly payments for the iPhone 12 begin at \$35.33 through the iPhone Upgrade Program.
- AppleCare+ coverage included.



Trading-In iPhone (or iPad)

Apple offers two ways to trade in your iPhones and iPads. You can either walk into an Apple Store or online [https://
www.apple.com/shop/trade-in](https://www.apple.com/shop/trade-in)

Schedule for various phones is shown on website.



3 Components of Smartphone Plans

- Voice (Phone calls)
- Text (Messages)
- Data

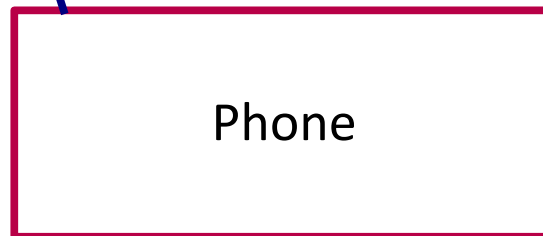
Trend: Carriers offering unlimited voice and text, now many also offering unlimited data.



What is Data for devices?

Data (Cellular signal)

Wi-Fi (modem/
router)





Data Hogs

- Streaming video
- Downloading apps and games.
- Sending and receiving a lot of photos and files.
- Streaming music.
- Video chatting.



My Recommendations:

- **Voice** (Unlimited)
- **Text** (Unlimited)
- **Data** (3 GB is usually adequate)



References

- [MyRatePlan.com](https://www.MyRatePlan.com)
- [Whistleout.com](https://www.Whistleout.com)
- [Reviews.org](https://www.Reviews.org)



Traveling Abroad plans

AT&T

On both the Unlimited & More and the Unlimited & More Premium plans on AT&T, you will be able to travel to Mexico and Canada with all of your talk, data, and text already paid for. Their Mobile Share Plus plans allow you to use your talk, text, and data when you are in Mexico.

In 100+ other countries, **AT&T offers an International Day Pass for \$10 a day**, offering the unlimited talk, text, and data already in your regular plan.

This charge can add up quickly when you're on longer trips. The AT&T Passport plan lets you use your normal within-U.S. plan for 30 days while you're out of the country. They recently redid this plan, since the old AT&T passport option only offered 200 MB of data, which is just not enough for most people.



Traveling Abroad plans

Verizon

Your first option on Verizon is their TravelPass plan, which gives you the option to take your regular talk, text, and data with you on your trip (meaning, you use whatever amount of talk, text and data speeds you regularly use within the United States).

You will be charged \$5 a day (on every line) for days you use your service in Mexico and Canada. There is a list of 130 additional countries where you can use your phone at a rate of \$10 per day. Most popular countries are included in this list, such as Argentina, Australia, Chile, France, the Netherlands, South Africa, the United Kingdom, and more.



Traveling Abroad plans

Sprint

Sprint offers Data Passes that let you use your U.S. data plan speeds and data allowance while traveling abroad. This plan costs between \$5 and \$10 per day depending on your destination. ... \$5 per day plans can be billed at \$25 per week while \$10 per day plans can be billed at \$50 per week.



Traveling Abroad plans

T-Mobile Free International Coverage

T-Mobile's international calling \$15 add-on gives you unlimited calls to landlines in over 70 countries, as well as unlimited calls to mobile devices in over 30 countries. You'll also get unlimited international texts and discounted calls to more than 200 destinations.

If you have T-Mobile's Magenta unlimited plan, you get unlimited data (with 2G speeds) and texting in over 210 countries automatically included with your plan.



Competition

Different Operating Systems:

- iOS 14 (Apple)
- Android
- Google Pixel (Also android)



Manufacturers

- iOS 14: Apple Products
- Android: Samsung (Galaxy), HTC, LG, Motorola, Google Pixel





Android Advantage:

easier to add drive space





Best Android Phones

Samsung Galaxy Note 20 Ultra: The Galaxy Note 20 Ultra is Samsung's best phone to date even if it has a slightly inferior camera and a smaller battery than the S20 Ultra.

OnePlus 8 Pro: OnePlus went all out on its phones this year, attacking both the high end and the low end with more **models** than ever before. Even with the 8T arriving months later, the 8 Pro is my pick of the litter, especially at its newly reduced price tag.

Google Pixel 5: Google did an about-face with its smartphones this year, but the **Pixel 5** is still among the best Android phone, thanks to Android 11.



iPods

iPod Touch (iPhone minus the phone!)



Choose a color



Capacity and Price¹

32GB	\$199
128GB	\$299
256GB	\$399

Size and Weight



Display





iPads/tablets



What is a Tablet?

A general purpose computer contained in a single panel. Its' distinguishing characteristic is the use of a touch screen as an input device. Today's tablets are operated by fingers with a stylus pen as an option.

(An iPad is a tablet!)



Complete iPad Lineup



iPad Pro (12.9 inch).
iPad Air (4th Generation).
iPad Mini (5th Generation)
iPad Pro, 12.9 inch (3rd Generation)
iPad Pro 12.9 inch (1st Generation).
iPad Pro 9.7 inch
iPad Air 2
iPad (7th Generation).
iPad (5th Generation)
iPad Mini 3

iPad Pro (11 inch)
iPad (8th Generation)
iPad Pro (11 inch, 1st generation)
iPad Pro 12.9 inch (2nd Generation)
iPad Pro, 10.5 inch
iPad Air (3rd Generation)
iPad Air (1st Generation)
iPad (6th Generation)
iPad mini 4
iPad Mini 2

Reference: [iPad Comparisons](#)



iPads

				
iPad Pro 11-inch (2nd generation)	iPad mini (5th generation)	iPad Pro 11-inch (1st generation)		
Wi-Fi Starting at \$799	Wi-Fi + Cellular Starting at \$949	Wi-Fi Starting at \$399	Wi-Fi + Cellular Starting at \$529	

Other older models still available. Check www.apple.com/ipad/compare



iPads

iPad Pro 12.9-in. (4th generation) ▾



Wi-Fi
Starting at \$999

Wi-Fi + Cellular
Starting at \$1149

iPad Air (4th generation) ▾



Wi-Fi
Starting at \$599

Wi-Fi + Cellular
Starting at \$729

iPad (8th generation) ▾



Wi-Fi
Starting at \$329

Wi-Fi + Cellular
Starting at \$469



iPad Pro



12.9-inch iPad Pro

From \$999



11-inch iPad Pro

From \$799

12.9 inch iPad Pro

- Silver and space gray
- 12.9-inch Liquid Retina display with ProMotion technology and True Tone
- Face ID for secure authentication and Apple Pay
- A12X Bionic chip with Neural Engine
- 12MP back camera with Smart HDR and 4K video at 30 fps or 60 fps
- 7MP TrueDepth front camera with Portrait mode, Portrait Lighting, and Smart HDR
- Compatible with Apple Pencil (2nd generation)
- Compatible with Smart Keyboard Folio and Bluetooth keyboards
- USB-C connector

11 inch iPad Pro

- Silver and space gray
- 11-inch Liquid Retina display with ProMotion technology and True Tone
- Face ID for secure authentication and Apple Pay
- A12X Bionic chip with Neural Engine
- 12MP back camera with Smart HDR and 4K video at 30 fps or 60 fps
- 7MP TrueDepth front camera with Portrait mode, Portrait Lighting, and Smart HDR
- Compatible with Apple Pencil (2nd generation)
- Compatible with Smart Keyboard Folio and Bluetooth keyboards
- USB-C connector



iPad lineup notes

iPad Air (4th Generation)

- a more useful USB-C plug replaces the Lightning connector.
- **first Apple product with the A14 processor**
- **It supports the Magic Keyboard and 2nd-gen Apple Pencil**
- **It has Touch ID in the top button instead of Face ID**

Five colors:

Space Grey, Silver, Rose Gold, Green, Sky Blue

Eighth-generation iPad: The new eighth-generation iPad got a refresh, too, packed with an earlier A12 Bionic chip, giving the iPad a much-needed performance boost.

iPad Pro: Last updated in March 2020.

iPad Lineup

10.9-in



iPad Air (4th generation)

Wi-Fi Starting at \$599 Wi-Fi + Cellular Starting at \$729

- Silver, space gray, rose gold, green, and sky blue
- 10.9-inch Liquid Retina display with True Tone¹
- Touch ID for secure authentication and Apple Pay
- A14 Bionic chip with Neural Engine
- 12MP Wide camera with Smart HDR and 4K video at 24 fps, 30 fps, or 60 fps
- 7MP FaceTime HD front camera with Smart HDR
- Compatible with Apple Pencil (2nd generation)
- Compatible with Magic Keyboard, Smart Keyboard Folio, and Bluetooth keyboards
- USB-C connector

iPad Lineup

10.2-in



iPad (8th generation)

Wi-Fi	Wi-Fi + Cellular
Starting at \$329	Starting at \$459

- Silver, space gray, and gold
- 10.2-inch Retina display
- Touch ID for secure authentication and Apple Pay
- A12 Bionic chip with Neural Engine
- 8MP Wide camera with HDR and 1080p HD video
- 1.2MP FaceTime HD front camera with HDR
- Compatible with Apple Pencil (1st generation)
- Compatible with Smart Keyboard and Bluetooth keyboards
- Lightning connector



iPad Choices:

Wi-Fi

Wi-Fi + Cellular (\$129)



Data (Cellular signal)

Wi-Fi (modem/
router)



Phone



iPad Pro Accessories:

2nd Generation Pencil: \$129



Smart Keyboard for 8th Gen: \$159

iPad: What's In The Box



iPad Pro

USB-C Charge Cable

18W USB-C Power Adapter

- No headphones
- 18W USB Power adaptor



ipad competition



Competition: Tablet Manufacturers

- iOS 14: Apple
- Android: Google Pixel, Samsung (Galaxy), Amazon (Kindle & Fire), Acer, Asus, Lenovo, Huawei
- Windows 10: Microsoft (Surface), Samsung, Lenovo, Acer, HP
- Chrome: Acer, Asus
- Prices range from under \$200 to well over \$1000.



two Best Android Tablets

Best Android tablet: Samsung Galaxy Tab S7



Samsung Galaxy Tab A7





Is a Chromebook A Tablet?

Chromebooks, which all run on Chrome OS, help you to get things done and keep you entertained. All 2-in1-Chromebooks work as both a high-performing laptop and a tablet. If you have a convertible Chromebook, fold your screen back on its hinge and your Chromebook transitions to tablet mode.



Google Pixel Slate



Best Windows Tablets



Lenovo Think Pad X1
From \$949.



•Microsoft Surface Go 2
From \$549



good to know

using phone as hotspot



- Your smartphone is more than just a phone. It's also a personal mobile hotspot, which can be super convenient when you need to connect a computer or iPad to the Internet and you don't have wifi.
- Your phone enables you to get online via wifi, bluetooth, or USB cable — on your laptop, tablet, or any other device — by using your mobile data to create an internet connection..





Apple Care

With AppleCare+, you get the following:

A three-year limited hardware warranty

Three years of 24/7 technical support

Coverage for up to two incidents of accidental damage (subject to a service fee) every 12 months.

iPhone 12 Pro, 12 Pro Max, 11 Pro, 11 Pro Max, XS, XS Max, and X

Standard AppleCare+: one-time fee of \$200 or \$10 per month.

Including loss and theft protection: \$270 or \$13.50 per month.

iPhone 12, 12 Mini, 11, XR, and 8 Plus

Standard AppleCare+: \$150 or \$8 per month.

Including loss and theft protection: \$220 or \$11.50 per month.

There are different prices for AppleCare+ depending on the type of device you have. For iPad Air, you'll pay \$69 for the additional coverage of AppleCare+, or \$3.49/month for 24 months.



BROKEN GLASS IPHONE/IPAD

If your phone is under warranty, or **you** paid the \$5.99 for AppleCare+ coverage, your **iphone** is covered for up to two incidents of accidental damage with only a \$29 fee added for screen **repair**, so by all means use Apple to fix that broken screen.

On average, iphone screen repairs cost \$220. If you have a warranty, prices start at **\$29** but can increase to **\$329** if you don't have one. Ultimately, your costs will depend on the type of phone you have, the severity of the damage and more.

My recommendation: Only go to Apple Store or authorized Apple Dealer (MacMedia, 83rd Avenue, Peoria).



No headphones?

No problem!

Bluetooth is a wireless technology standard used for exchanging data between fixed and mobile devices over short distances.



Bluetooth

Physical range: Typically less than 10 m (33 ft), up to 100 m (330 ft); Bluetooth 5.0: 40–400 m (100–1,000 ft).

Compatible hardware: Personal computers; Smartphones; Gaming consoles; Audio devices.



Apple Watch





Apple Watch

The Apple Watch is designed to pair, or connect, with the iPhone to push Apple Watch-specific content to the device.



Apple Watch





Apple Watch Apps





Apple Watch



Apple Watch Series 6
From \$399



Apple Watch SE
From \$279



Apple Watch Series 3
From \$199



Apple Watch (Series 6)

The new Apple Watch Series 6, priced at \$399. It comes with a new Apple S6 silicon chip with an always-on energy-saving display. It also lands with a blood oxygen sensor.

The key new feature in Apple Watch Series 6 is the blood-oxygen sensor that can provide an early warning of a variety of health problems. A new Blood Oxygen app tracks a key measurement that could provide an early warning for some people infected by COVID-19. Unlike commonly used pulse oximeters, which measure oxygenation level when a patient inserts their finger into the inexpensive device, the new Apple Watch sensor can check the wearer's status around the clock. Apple said it takes just 15 seconds to take the measurement.



Apple Watch (Series 6)

Fitness+: Apple is launching a new fitness subscription, landing at \$9.99 a month or \$79.99 a year. The service is available from inside the Activity app,



Solo Loop: You can now get a Solo Loop for your Apple Watch, a single band that drops the standard clasp in favor of stretchy silicon. It comes in seven colors and a range of sizes.

Apple also announced a newer low-cost wearable, the Apple Watch SE, which it priced at \$279.



Apple Watch OS7

Key new health-related features include “holistic” sleep tracking and a hygiene app that reminds wearers to wash their hands for a full 20 seconds.

On the fitness front, WatchOS 7 adds four new workouts: dance, functional strength training, core training and cooldown. The Apple Watch’s companion Activity app on iPhone gets a new name — Fitness — and a new design that streamlines your activity and workout data.

The new Apple Watch software also comes with some functional and fashionable upgrades. WatchOS 7 adds shareable watch faces so users can swap their favorite setups.



Other Smartwatches: Fitness trackers





Some Other Smartwatches

From Fitbit, Samsung, Huawei, Amazfit, Garmin and others.





Apple TV

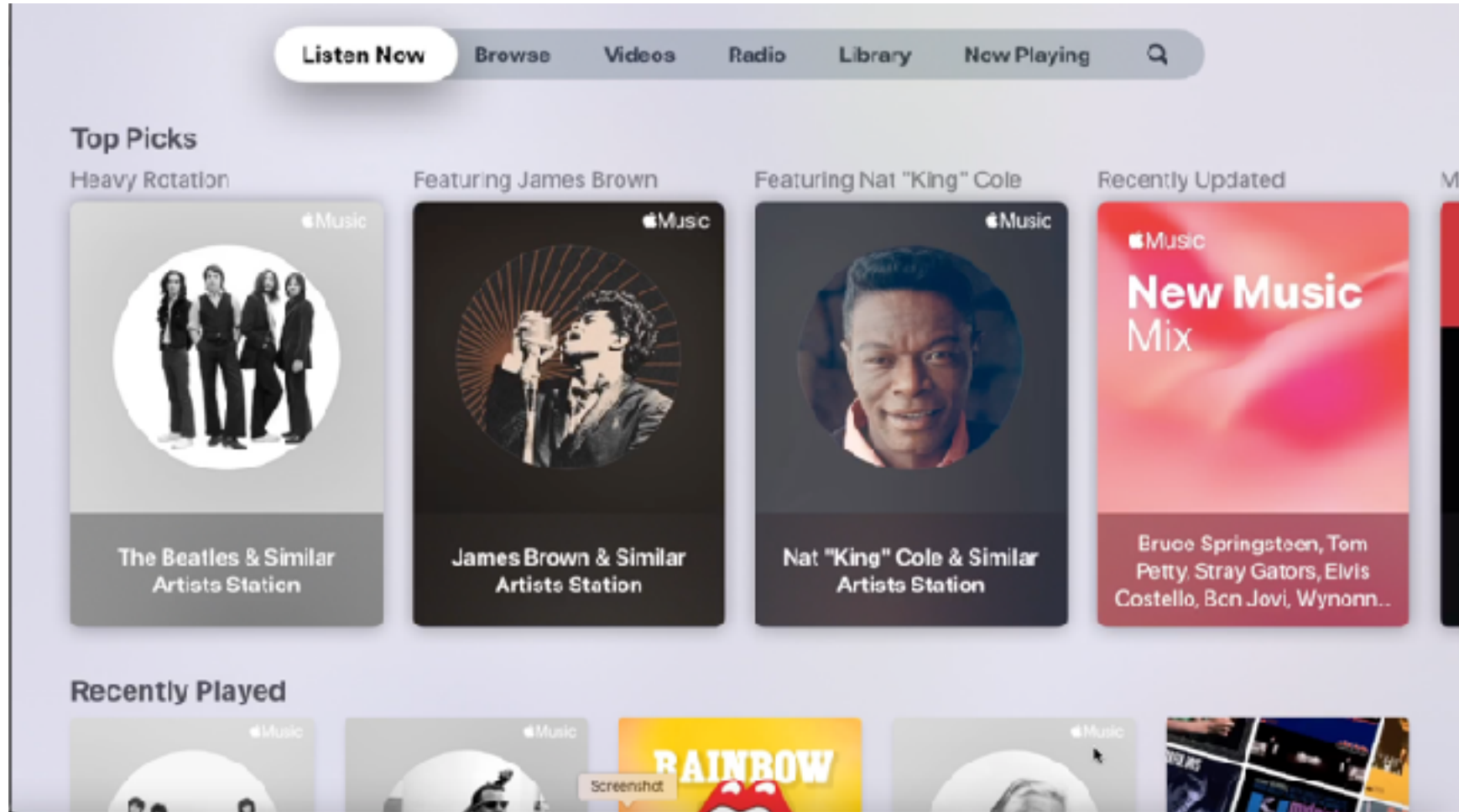


Apple TV





Apple TV





Apple TV



Apple TV HD

	From: \$149.00
	★★★★☆ (939)
	32GB
	1080p
	Up to Dolby Atmos 360-degree cinema sound
	A8 chip with 64-bit architecture
	✓



Apple TV



Buy Apple TV 4K

Fast, free, no-contact delivery

Storage

32GB¹ \$29.83/mo.* or \$179.00

64GB¹ \$33.16/mo.* or \$199.00

[How much storage is right for you?](#)

From \$179



Apple TV+



Apple TV+



Live Streaming: Similar to Netflix, Hulu, Peacock etc.



Apple TV: Competition

Amazon Fire TV	Roku
 A collection of Amazon Fire TV devices, including a black Fire TV Stick, a Fire TV Stick Lite, and a Fire TV Cube.	 A collection of Roku devices, including a Roku Ultra, Roku Streaming Stick+, Roku Streaming Stick, and Roku TV.

Google Chromecast





Apple Home Pod



Touch Surface

Tap or hold + or – for volume up/down

Touch and hold for Siri

Tap to play/pause music or Siri

Double-tap to skip

Triple-tap to skip back



Apple Homepod Mini

The \$99 HomePod mini takes a page from Amazon's revamped Echo speakers with a ball-shaped, fabric-covered industrial design. Big Features: Integrates with Apple Music and Siri, can control home devices. Available in gray or white. Larger HomePod (\$299) still available.





Apple Home Pod

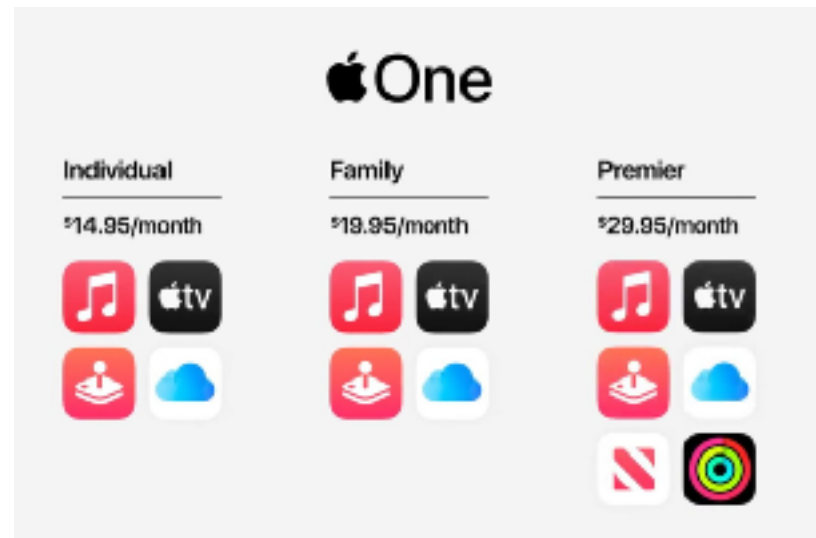
Compare HomePod models

	HomePod mini \$99 Buy	HomePod \$299 Buy
Audio technology	Full-range driver and dual passive radiators	High-excursion woofer and array of seven tweeters
Spatial awareness	—	✓
Multiroom audio¹	✓	✓
Stereo pair capable	✓	✓
Home theater with Apple TV 4K	—	✓
Siri	✓	✓
Intercom²	✓	✓
Smart home hub³	✓	✓



Apple Subscriptions

With an Apple subscription for TV, music, games, as well as iCloud storage charges, Apple is rolling its subscriptions into one place under its new Apple One plan. There are three tiers — one for individuals, another for families, and the top-tier includes the full package of Apple's subscription services.





Apple AirPods



Apple AirPods

Find the right AirPods for you.



AirPods Pro
\$249

Buy



AirPods
Starting at \$159

Buy

Fit	Customizable	Universal
Active Noise Cancellation	✓	—
H1 chip	✓	✓
Hey Siri	Always on	Always on
Sweat and water resistant ¹	✓	—
Battery life listening time on one charge	Up to 4.5 hours ²	Up to 5 hours ³
Battery life listening time with charging case	More than 24 hours ⁴	More than 24 hours ⁵
Charging Case	Wireless Charging Case Included	Wireless Charging Case or Standard Charging Case Included
Personalized engraving	✓	✓



Airpods Max



The AirPods Max carry a premium price of \$549. They're available in five color options (Space Gray, Silver, Green, Sky Blue, and Pink), engraving is available for free, and AppleCare+ adds another \$59 to the cost. In return for your cash, Apple is promising a high-fidelity sound experience and custom acoustic design.