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October 6, 2020

iOS 14

New Apple Products & Services

- Apple Watch SE and Series 6
- Apple Fitness+
- iPad and iPad Air
- Apple One



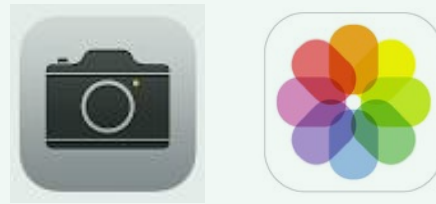



Tutorial Program

Fall/Winter Session



Tony Crawford
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	<h3>Create Your Own Photo Books</h3>	<p>Lake Miona Recreation Center Residents \$50 General Public \$56 2020: Tue Oct 13/20, 2:30pm to 4:30pm Wed November 4/11, 1:30pm to 3:30pm 2021: Wed Jan 13/20, 1:30pm to 3:30 pm</p>
	<h3>A Road Map for Cutting the Cord</h3>	<p>Lake Miona Recreation Center 9am - 11am (Two Classes) Residents \$50 General Public \$56 2020: Oct 3/10, Nov 7 /14. 2021: Jan 16 /23, Feb 6 /13, Mar 20 /27</p>
	<h3>Apple Watch (Series 4 & later)</h3>	<p>Lake Miona Recreation Center Residents \$25 General Public \$31 Saturdays 11:30am - 1:30pm 2020: Oct 24, Nov 7 2021: Jan 16, Feb 6, Mar20</p>
	<h3>iPhone Made Easy</h3>	<p>Lake Miona Recreation Center Residents \$50 General Public \$56 Sunday 1:30pm to 3:30pm (2 classes) 2020: October 18/25 2021: March 21/28</p>
	<h3>Apple Camera & Photos</h3>	<p>Lake Miona Recreation Center 11:30am - 1:30pm Residents \$25 General Public \$31 2020: Oct 3, Oct 10, Nov 21, Dec 19 2021: Feb 27</p>
	<h3>Apple Notes</h3>	<p>ZOOM \$25 Friday 9:30am - 11:30am Nov 6, 2020</p>
	<h3>Contacts & Calendars</h3>	<p>ZOOM \$25 Friday 9:30am - 11:30am Nov 13, 2020</p>
	<h3>Apple TV</h3>	<p>ZOOM \$25 Friday 9:30am - 11:30am Nov 20, 2020</p>

1:48

Apple WWDC20

June 22 at 10:00 a.m. PDT.



iOS14



1. Experience
2. Messages
3. Maps
4. Translate
5. Siri
6. Home
7. Safari
8. Car Keys and Car Play
9. Air Pods
10. App Clips
11. Privacy
12. . . . and so much more

<https://www.apple.com/ios/ios-14/>

iOS 14 Compatibility

iPhone 6s and later

Apple Event 9/15/20



Time for a recap.

Introducing Apple Watch Series 6, Apple Watch SE, Apple Fitness+, the new iPad Air and iPad, and Apple One — the all-new Apple services bundle.

<https://www.apple.com>

Watch the event





Cellular

Swimproof

Always-on altimeter



Sleep tracking

2.5x brighter

outdoors with Always-On Retina display



U1 Ultra Wideband

Braided Solo Loop

Apple Watch

Series 6

from \$399

Available 9/18/20



S6

System in Package

New watch faces

Family Setup



5GHz Wi-Fi

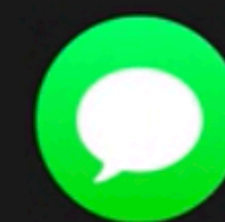
Leather Link



ECG app



100% recycled aluminum case



Messages

⚡ 20% faster ⚡



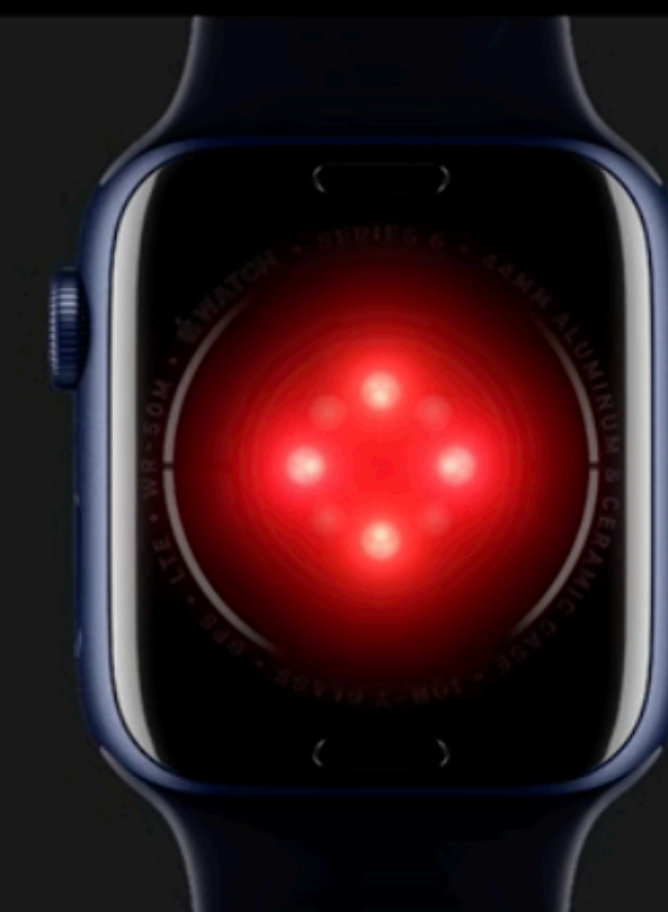
Solo Loop



Add Face
Apple Watch

Face Sharing

Blood Oxygen sensor and app



Swimproof



Cellular

S5

System in Package



100% recycled aluminum case



Messages

2x faster than Series 3



Solo Loop, Braided Solo Loop, and Leather Link

Apple Watch

Available 9/18/20

SE

from \$279



Compass and always-on altimeter



Add Face Apple Watch

Face Sharing

Family Setup



Larger display



Fall detection



Sleep tracking



New watch faces

Which Watch should I get?

Series 6



The most advanced Apple Watch yet, with a blood oxygen sensor and app, the ECG app, and the Always-On Retina display.

GPS + Cellular From \$499 **GPS** From \$399

Buy

SE



Features the same larger display size as Series 6, fall detection, a compass, and an always-on altimeter.

GPS + Cellular From \$329 **GPS** From \$279

Buy

Series 3



The core fitness, health, and connectivity features of Apple Watch.

GPS From \$199

Buy



95% recyclable fiber packaging



**100% recycled
rare earth elements**

in the Taptic Engine

100% virgin wood
fiber from



**responsibly
managed
forests**



Apple WATCH

**100% recycled
aluminum case**

**No BFR
No PVC
No Beryllium
No Mercury**

**100%
recycled
tungsten**

in the Taptic Engine



Transitioning to 100% renewable energy for
Apple production

2030
2029

100% carbon neutral
products by 2030

**Arsenic free
glass**



Apple Watch Series 6

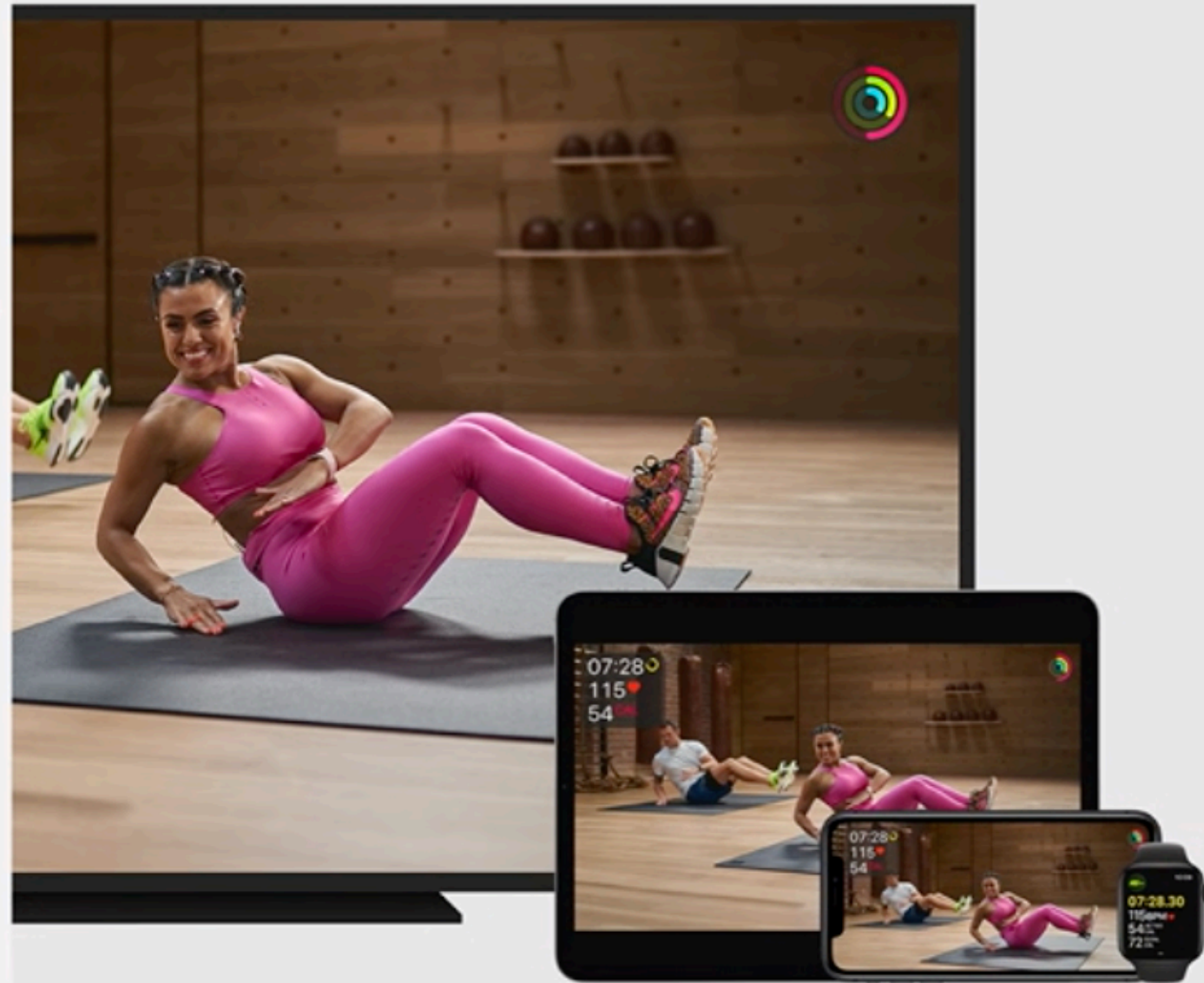
2 mins

[Click to play video](#)



Select workouts by duration

Workout how and where you want



10 different workout types

Coming late 2020



Apple Fitness+

Powered by Apple Watch

Track your workouts with onscreen metrics



Feel competitive? Hit the Burn Bar

New workouts added every week



Beginner program

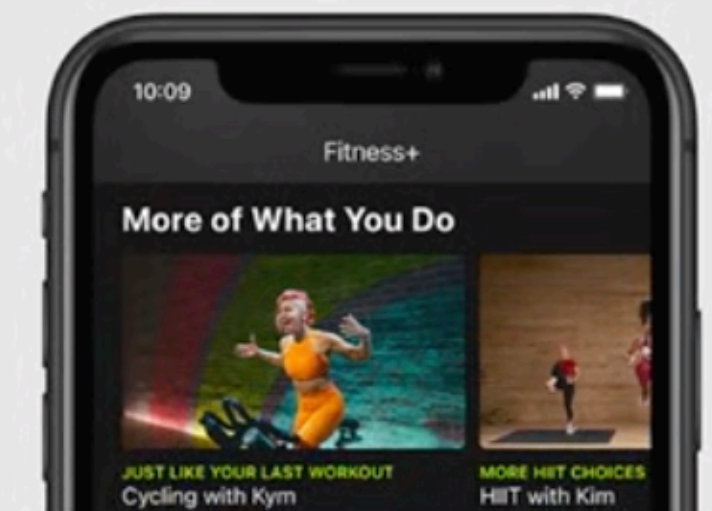


Integrated with Apple Music

The world's top fitness trainers



Intelligent suggestions



[Click to play video](#)

Fitness+



The biggest bang, binge, and blast for your buck.

Apple One is the ultimate collection of Apple services for one low monthly price. It's simple to sign up for and easy to manage. And with the Family plan or Premier plan, you can invite up to five other people to join.

Individual

\$14.95/mo.

Save \$6/mo.²

🍏 Music

🍏 tv+

🍏 Arcade

🍏 iCloud 50GB

Family

\$19.95/mo.

Save \$8/mo.² Share with up to five other people.

🍏 Music

🍏 tv+

🍏 Arcade

🍏 iCloud 200GB

Premier

\$29.95/mo.

Save \$25/mo.² Share with up to five other people.

🍏 Music

🍏 tv+

🍏 Arcade

🍏 iCloud 2TB

🍏 News+

🍏 Fitness+ Coming late 2020

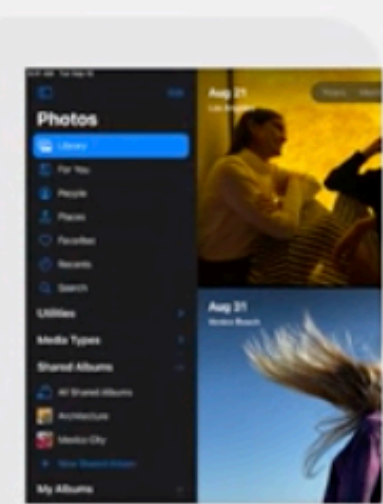
<https://www.apple.com/apple-one/>

Apple One

Click to play video

5 mins





App sidebars



Pinned conversation in messages

Top Hits in Notes



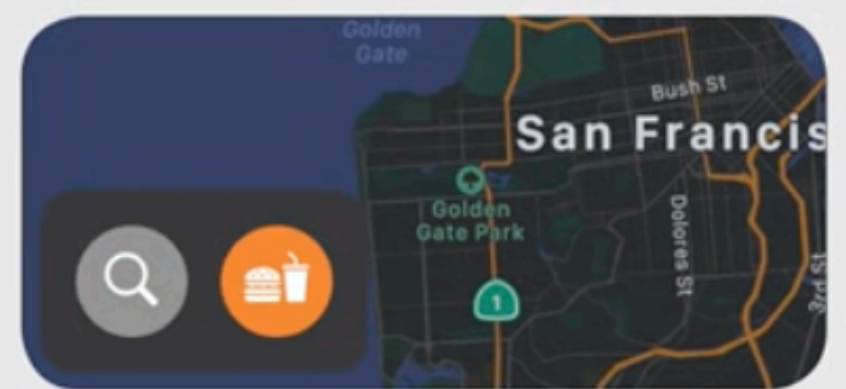
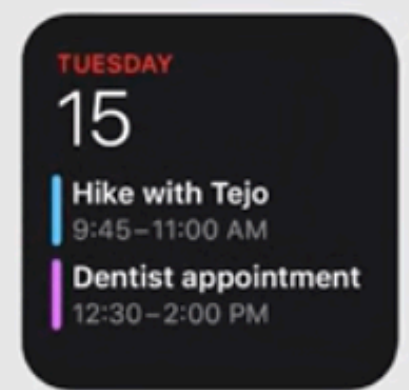
Reduced noise and room reverb in Voice Memos



Set default email and browser apps



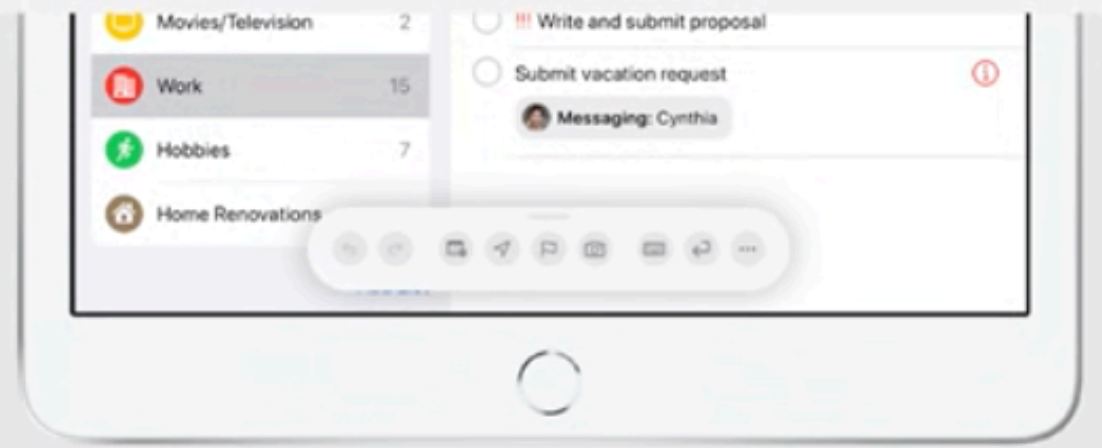
Compact Calls UI



Redesigned widgets



New Memoji



Scribble shortcut palette

Smart Selection



Handwriting conversion in Notes

Circle to select



Scratch to delete



On-device transcription

iPadOS



Depth API

Messages

inline



replies



On-device dictation

Touch and hold to add

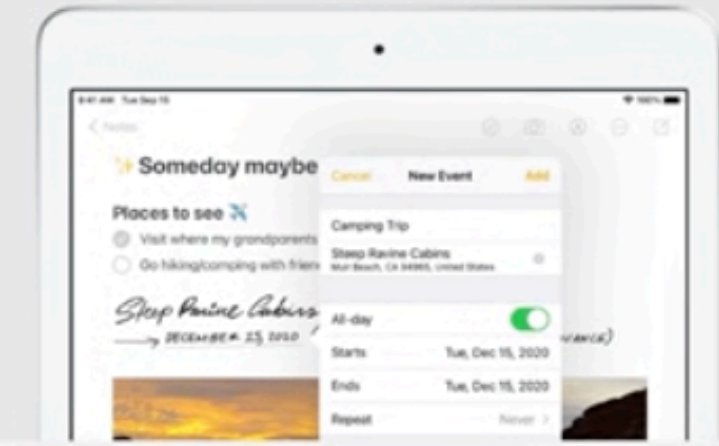
space



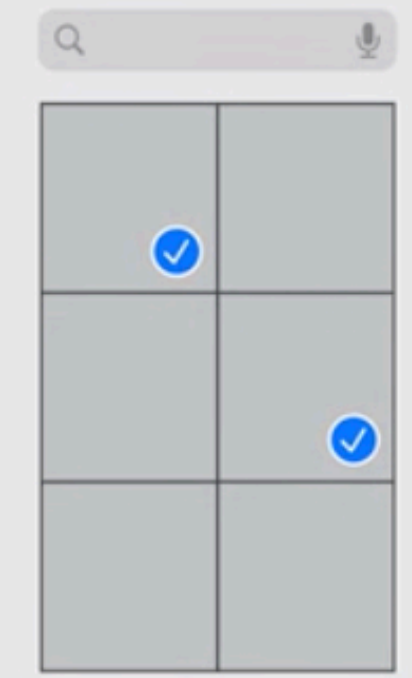
Mixed Chinese and English handwriting conversion

Paste handwriting as typed text.

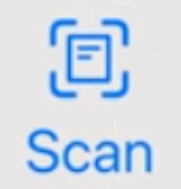
Data detectors



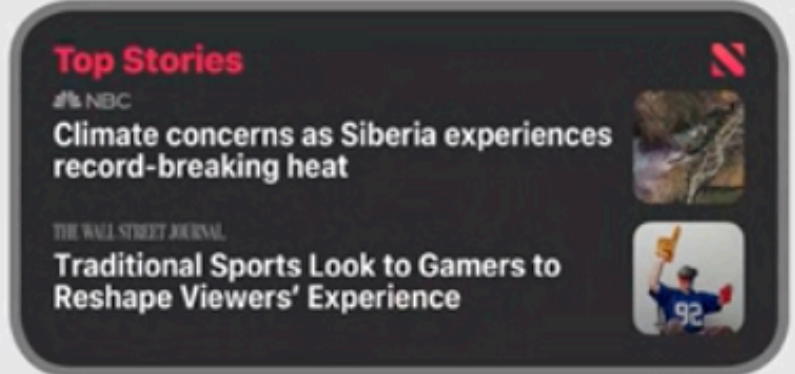
Toolbars



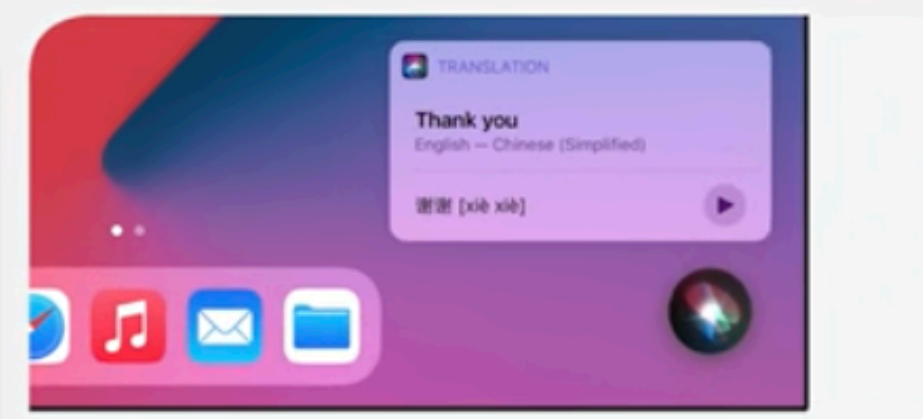
Redesigned picker for photos and videos



All-new actions menu in Notes



Widget Smart Stack



Compact Siri UI



ARKit 4



App Clips

Compact search

10 hours

USB-C
Power Adapter

Smart  Connector



Apple Pencil support

4-CORE GPU 6-CORE CPU



A12 Bionic chip

iPad 8th generation

from \$329



Available 9/18/20

iPadOS

10.2"
Retina display



FaceTime HD camera



Smart Keyboard



Apple Neural Engine

 **2x** 

Faster
graphics



Gigabit-class LTE



8MP camera

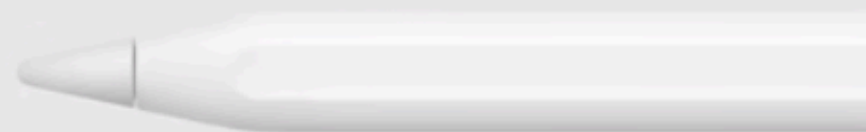


100% recycled aluminum

Liquid Retina display



Apple Pencil



iPadOS

40%
faster
CPU

A14

12MP camera



True Tone
display

P3 wide
color

60% faster LTE

iPad Air
from \$599

Available in October 2020



10 hours



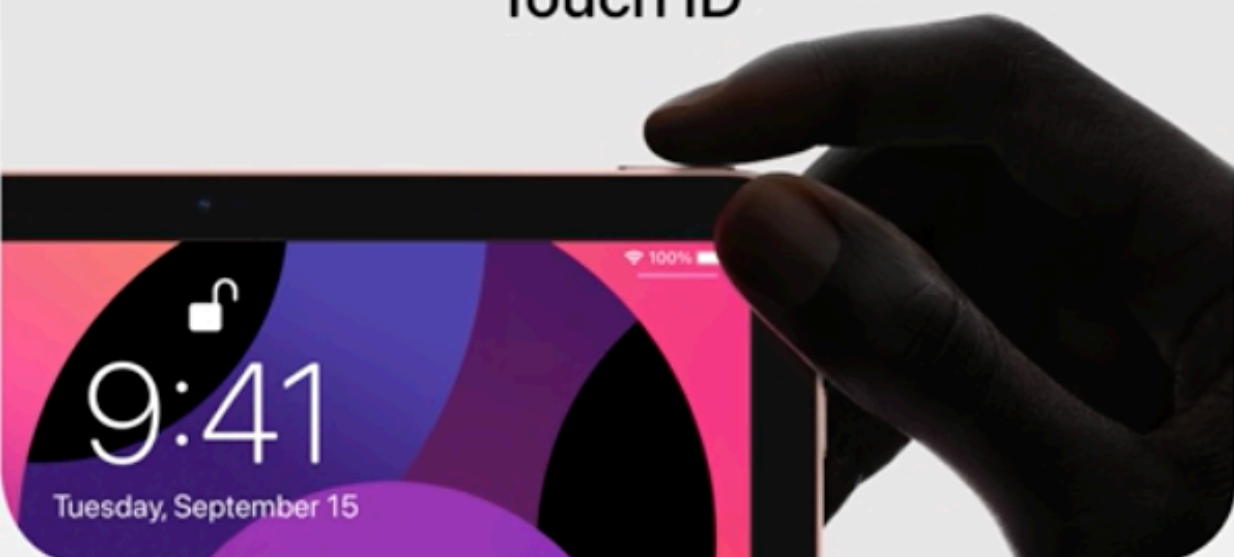
Wi-Fi 6

Landscape
stereo speakers

5 colors



Touch ID



Smart Folio covers



Magic Keyboard



100% recycled
aluminum enclosure

20W USB-C

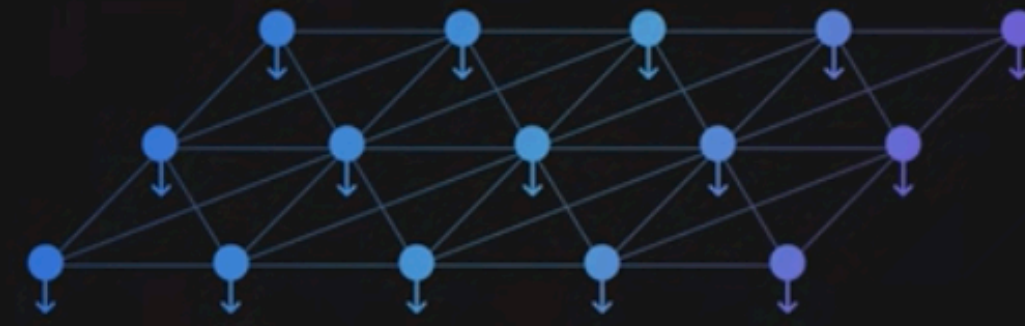




Machine learning controller



New 6-core CPU



Next-generation ML accelerators

16-core
**NEURAL
ENGINE**

**5 nanometer
process**

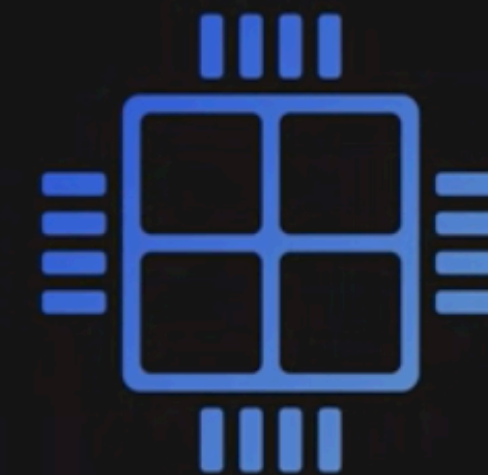
 **A14**

11 trillion
Operations per second

11.8 billion
Transistors



Advanced image signal processor



New 4-core GPU

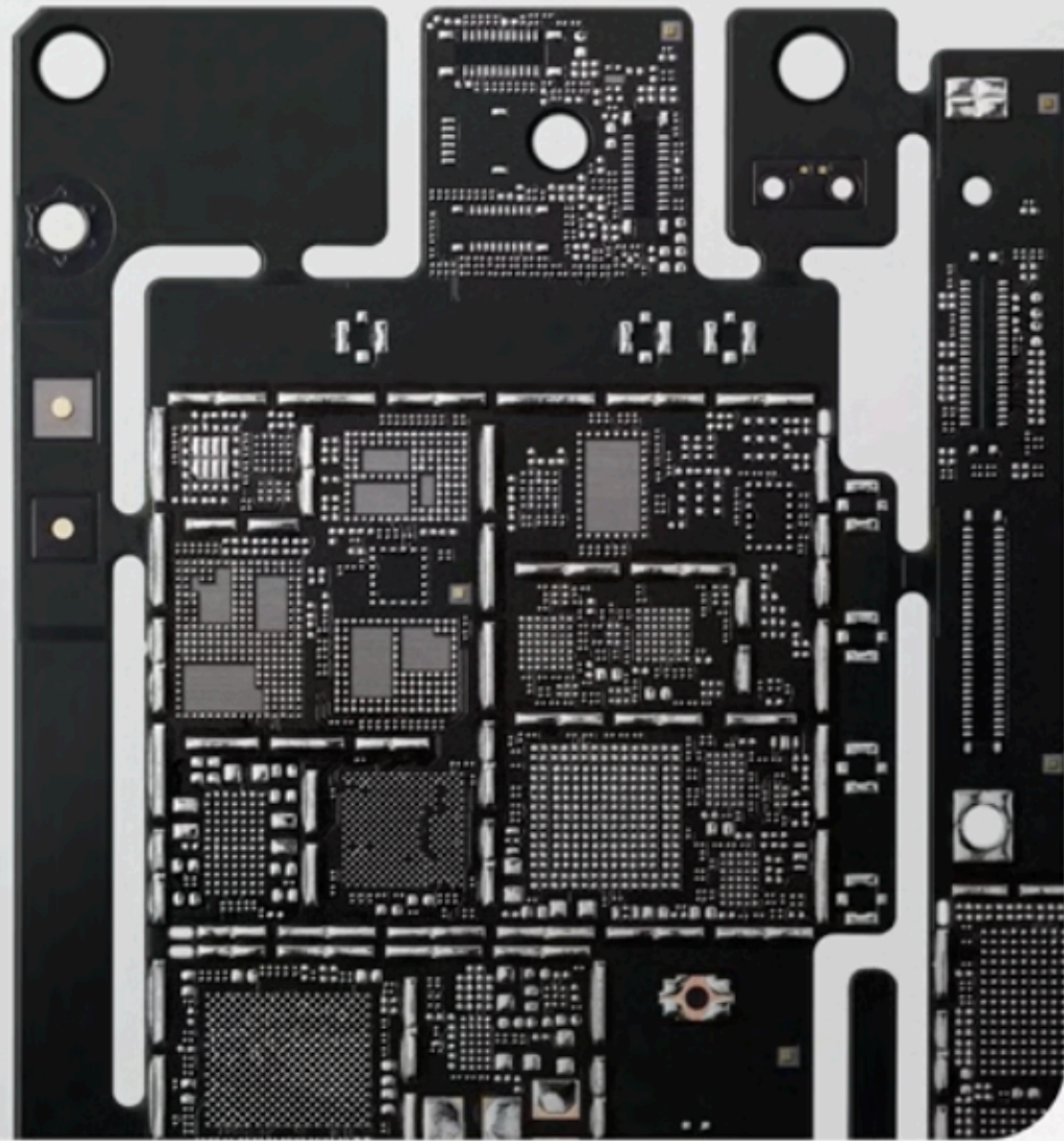


Secure Enclave

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	TBD	11 11 Pro 11 Pro Max 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										
		iOS 13									
			iOS 12								
				iOS 11							
					iOS 10						
						iOS 9					
							iOS 8				
								iOS 7			
Base Storage	TBD	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			

100% recycled tin in the solder



display glass

free of arsenic

No BFR
No PVC
No Beryllium
No Mercury



Recyclable, fiber-based packaging



Apple iPad

100% recycled aluminum enclosure

100% virgin wood fiber from
responsibly managed forests



2030
2029

100% carbon neutral products by 2030



Transitioning to 100% renewable energy for Apple production



25% or more recycled plastic in 9 different components



100% recycled

rare earth elements in the audio magnets



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end