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iPad (9th generation) ▼	iPad Air 11-in. (M2) ▼	iPad mini (A17 Pro) ▼
 Space Gray	 Space Gray	 Space Gray
	<div>Wi-Fi From \$599</div> <div>Wi-Fi + Cellular From \$749</div>	<div>Wi-Fi From \$499</div> <div>Wi-Fi + Cellular From \$649</div>
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Summary

10.2"	11"	8.3"
Retina display	Liquid Retina display ¹	Liquid Retina display ¹
sRGB color	P3 wide color	P3 wide color
True Tone	True Tone	True Tone

—

Antireflective coating

Antireflective coating

A13 Bionic chip

M2 chip

A17 Pro chip

6-core CPU

8-core CPU

6-core CPU

4-core GPU

9-core GPU

5-core GPU

8-core Neural Engine

16-core Neural Engine

16-core Neural Engine

—

Apple Intelligence²

Apple Intelligence²

8MP Wide camera

12MP Wide camera

12MP Wide camera

1080p video

4K video

4K video

12MP Ultra Wide front camera

Landscape 12MP Ultra Wide
front camera

12MP Ultra Wide front camera

Center Stage

Center Stage

Center Stage

Lightning connector

USB-C connector

USB-C connector

Touch ID in Home button

Touch ID in top button

Touch ID in top button

Stereo speakers

Landscape stereo speakers

Landscape stereo speakers

Two microphones

Two microphones

Two microphones

Wi-Fi 802.11ac

Wi-Fi 6E³

Wi-Fi 6E³

4G LTE cellular⁴

5G cellular⁴

5G cellular⁴

Supports Apple Pencil
(1st generation)

—

Supports Apple Pencil Pro

Supports Apple Pencil
(USB-C)

Supports Apple Pencil Pro

Supports Apple Pencil
(USB-C)

Supports Smart Keyboard

Supports Magic Keyboard

Supports Bluetooth keyboards

Capacity⁶

64GB	128GB	128GB
256GB	256GB	256GB
	512GB	512GB
	1TB	

Size and Weight⁷

Height 9.8 inches (250.6 mm)	Height 9.74 inches (247.6 mm)	Height 7.69 inches (195.4 mm)
Width 6.8 inches (174.1 mm)	Width 7.02 inches (178.5 mm)	Width 5.3 inches (134.8 mm)
Depth 0.29 inch (7.5 mm)	Depth 0.24 inch (6.1 mm)	Depth 0.25 inch (6.3 mm)
Weight (Wi-Fi) 1.07 pounds (487 grams)	Weight (Wi-Fi) 1.02 pounds (462 grams)	Weight (Wi-Fi) 0.65 pound (293 grams)
Weight (Wi-Fi + Cellular) 1.09 pounds (498 grams)	Weight (Wi-Fi + Cellular) 1.02 pounds (462 grams)	Weight (Wi-Fi + Cellular) 0.66 pound (297 grams)

Display

Retina display	Liquid Retina display	Liquid Retina display
LED backlit Multi-Touch display with IPS technology	LED backlit Multi-Touch display with IPS technology ¹	LED backlit Multi-Touch display with IPS technology ¹
2160-by-1620 resolution at 264 ppi	2360-by-1640 resolution at 264 ppi	2266-by-1488 resolution at 326 ppi
SDR brightness: 500 nits max	SDR brightness: 500 nits max	SDR brightness: 500 nits max
Fingerprint-resistant oleophobic coating	Fingerprint-resistant oleophobic coating	Fingerprint-resistant oleophobic coating
—	Fully laminated	Fully laminated
—	Antireflective coating	Antireflective coating
sRGB	Wide color (P3)	Wide color (P3)

True Tone	True Tone	True Tone
—	Apple Pencil hover	Apple Pencil hover

Chip

A13 Bionic chip

6-core CPU with 2 performance cores and 4 efficiency cores
4-core GPU
8-core Neural Engine

—

—

Apple M2 chip

8-core CPU with 4 performance cores and 4 efficiency cores
9-core GPU
16-core Neural Engine
100GB/s memory bandwidth
8GB RAM

Media Engine

Hardware-accelerated H.264 and HEVC
Video decode engine
Video encode engine

A17 Pro chip

6-core CPU with 2 performance cores and 4 efficiency cores
5-core GPU
16-core Neural Engine

—

—

Apple Intelligence²

—

Apple Intelligence is the personal intelligence system that helps you write, express yourself, and get things done effortlessly. With groundbreaking privacy protections, it gives you peace of mind that no one else can access your data — not even Apple.

[Learn more >](#)

Apple Intelligence is the personal intelligence system that helps you write, express yourself, and get things done effortlessly. With groundbreaking privacy protections, it gives you peace of mind that no one else can access your data — not even Apple.

[Learn more >](#)

Power and Battery⁸

Up to 10 hours of surfing the web on Wi-Fi or watching video

Up to 9 hours of surfing the web using cellular data network

Up to 10 hours of surfing the web on Wi-Fi or watching video

Up to 9 hours of surfing the web using cellular data network

Up to 10 hours of surfing the web on Wi-Fi or watching video

Up to 9 hours of surfing the web using cellular data network

Apple Pencil

[Learn more about Apple Pencil >](#)

Supports Apple Pencil (1st generation)

- Pairs and charges via Lightning
- Pixel-perfect precision
- Low latency
- Tilt sensitivity
- Pressure sensitivity

—

—

Supports Apple Pencil Pro

- Wireless pairing and charging
- Attaches magnetically
- Pixel-perfect precision
- Low latency
- Tilt sensitivity
- Pressure sensitivity
- Double-tap to change tools
- Squeeze
- Barrel roll
- Haptic feedback
- Find My support
- Free engraving

Supports Apple Pencil (USB-C)

- Pairs and charges via USB-C
- Attaches magnetically
- Pixel-perfect precision
- Low latency
- Tilt sensitivity

Supports Apple Pencil Pro

- Wireless pairing and charging
- Attaches magnetically
- Pixel-perfect precision
- Low latency
- Tilt sensitivity
- Pressure sensitivity
- Double-tap to change tools
- Squeeze
- Barrel roll
- Haptic feedback
- Find My support
- Free engraving

Supports Apple Pencil (USB-C)

- Pairs and charges via USB-C
- Attaches magnetically
- Pixel-perfect precision
- Low latency
- Tilt sensitivity

Keyboards

[Learn more about iPad keyboards >](#)

Supports Smart Keyboard

- One-piece, front-cover design

Supports Magic Keyboard

- Floating design
- Backlit keys
- Scissor mechanism, 1 mm travel
- Trackpad
- USB-C connector for pass-through charging

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Camera

8MP Wide camera	12MP Wide camera	12MP Wide camera
f/2.4 aperture	f/1.8 aperture	f/1.8 aperture
Digital zoom up to 5x	Digital zoom up to 5x	Digital zoom up to 5x
—	—	True Tone flash
HDR for photos	Smart HDR 4 for photos	Smart HDR 4 for photos

Video Recording

—	4K video recording at 24 fps, 25 fps, 30 fps, or 60 fps	4K video recording at 24 fps, 25 fps, 30 fps, or 60 fps
1080p HD video recording at 25 fps or 30 fps	1080p HD video recording at 25 fps, 30 fps, or 60 fps	1080p HD video recording at 25 fps, 30 fps, or 60 fps
—	Extended dynamic range for video up to 30 fps	Extended dynamic range for video up to 30 fps
3x video zoom	3x video zoom	3x video zoom
Slo-mo video support for 720p at 120 fps	Slo-mo video support for 1080p at 120 fps or 240 fps	Slo-mo video support for 1080p at 120 fps or 240 fps
Time-lapse video with stabilization	Time-lapse video with stabilization	Time-lapse video with stabilization

Front Camera

Ultra Wide camera	Landscape Ultra Wide camera	Ultra Wide camera
12MP photos	12MP photos	12MP photos
f/2.4 aperture	f/2.0 aperture	f/2.4 aperture
2x zoom out	2x zoom out	2x zoom out
Center Stage	Center Stage	Center Stage
Retina Flash with True Tone	Retina Flash with True Tone	Retina Flash with True Tone
HDR for photos	Smart HDR 4 for photos	Smart HDR 4 for photos

Extended dynamic range for video up to 30 fps	Extended dynamic range for video up to 30 fps	Extended dynamic range for video up to 30 fps
Cinematic video stabilization	Cinematic video stabilization	Cinematic video stabilization
1080p HD video recording at 25 fps, 30 fps, or 60 fps	1080p HD video recording at 25 fps, 30 fps, or 60 fps	1080p HD video recording at 25 fps, 30 fps, or 60 fps

Audio

Stereo speakers	Landscape stereo speakers	Landscape stereo speakers
Two microphones	Two microphones	Two microphones

Secure Authentication

Touch ID	Touch ID	Touch ID
Fingerprint identity sensor built into the Home button	Fingerprint identity sensor built into the top button	Fingerprint identity sensor built into the top button

Apple Pay

[Learn more about Apple Pay >](#)

Pay with your iPad using Touch ID within apps and on the web	Pay with your iPad using Touch ID within apps and on the web	Pay with your iPad using Touch ID within apps and on the web
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Siri

[Learn more about Siri >](#)

Get help with everyday tasks like sending messages, setting reminders, and more	Get help with everyday tasks like sending messages, setting reminders, and more	Get help with everyday tasks like sending messages, setting reminders, and more
Activate hands-free with only your voice using “Siri” or “Hey Siri,” or use Type to	Activate hands-free with only your voice using “Siri” or “Hey Siri,” or use Type to	Activate hands-free with only your voice using “Siri” or “Hey Siri,” or use Type to

Siri	Siri	Siri
Protected by the strongest privacy of any intelligent assistant	Protected by the strongest privacy of any intelligent assistant	Protected by the strongest privacy of any intelligent assistant
—	Powered by Apple Intelligence, Siri is more natural, contextually relevant, and personal	Powered by Apple Intelligence, Siri is more natural, contextually relevant, and personal

Cellular and Wireless

[Learn more about cellular data >](#)

All Models	All Models	All Models
Wi-Fi 802.11ac	Wi-Fi 6E ³	Wi-Fi 6E ³
MIMO	MIMO	MIMO
Bluetooth 4.2	Bluetooth 5.3	Bluetooth 5.3
Wi-Fi + Cellular	Wi-Fi + Cellular	Wi-Fi + Cellular
UMTS/HSPA/HSPA+/DC-HSDPA	UMTS/HSPA/HSPA+/DC-HSDPA	UMTS/HSPA/HSPA+/DC-HSDPA
—	5G (sub-6 GHz) ⁴	5G (sub-6 GHz) ⁴
Gigabit-class LTE (up to 27 bands) ⁴	Gigabit LTE (up to 31 bands) ⁴	Gigabit LTE (up to 31 bands) ⁴
GPS/GNSS	GPS/GNSS	GPS/GNSS
Data only ⁹	Data only ⁹	Data only ⁹
Wi-Fi calling ⁴	Wi-Fi calling ⁴	Wi-Fi calling ⁴

SIM Card

Nano-SIM	—	—
eSIM ¹⁶	eSIM ¹³	eSIM ¹⁵

Connector

Lightning	USB-C	USB-C
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Sensors

Touch ID	Touch ID	Touch ID
Three-axis gyro	Three-axis gyro	Three-axis gyro
Accelerometer	Accelerometer	Accelerometer
Ambient light sensor	Ambient light sensor	Ambient light sensor
Barometer	Barometer	Barometer

1. The displays have rounded corners. When measured diagonally as a rectangle, the 13-inch iPad Pro is 13 inches, the 12.9-inch iPad Pro is 12.9 inches, the 11-inch iPad Pro (M4) is 11.1 inches, the 11-inch iPad Pro (1st, 2nd, 3rd, and 4th generation) is 11 inches, the 13-inch iPad Air is 12.9 inches, the 11-inch iPad Air, 10.9-inch iPad Air, and iPad (10th generation) are 10.86 inches, and the 8.3-inch iPad mini is 8.3 inches. Actual viewable area is less.
2. Apple Intelligence will be available in beta on iPad mini (A17 Pro) and iPad models with M1 and later, with Siri and device language set to U.S. English, as an iPadOS 18 update this fall. English (Australia, Canada, New Zealand, South Africa, UK) language support available this December. Some features and support for additional languages, like Chinese, English (India, Singapore), French, German, Italian, Japanese, Korean, Portuguese, Spanish, Vietnamese, and others, will be coming over the course of the next year.
3. Wi-Fi 6E available in countries and regions where supported.
4. Data plan required. 5G, Gigabit LTE, Gigabit-class LTE, LTE Advanced, LTE, and Wi-Fi calling are available in select markets and through select carriers. Speeds are based on theoretical throughput and vary based on site conditions and carrier. For details on 5G and LTE support, contact your carrier and see [apple.com/ipad/cellular](#).
5. USB-C to Apple Pencil Adapter required to work with iPad (10th generation).
6. Available space is less and varies due to many factors. Storage capacity subject to change based on software version, settings, and iPad model. 1GB = 1 billion bytes; 1TB = 1 trillion bytes. Actual formatted capacity less.
7. Size and weight vary by configuration and manufacturing process.
8. Battery life varies by use and configuration. See [apple.com/batteries](#) for more information.
9. Cellular data plan is sold separately. The model you purchase is configured to work with a particular cellular network technology. Check with your carrier for compatibility and cellular data plan availability.
10. Not all carriers support eSIM. See your carrier for more details. For Model A3007, contact China Unicom for more details.
11. Not all carriers support eSIM. See your carrier for more details. For Model A3006, contact China Unicom for more details.
12. Not all carriers support eSIM. See your carrier for more details. For Model A2900, contact China Unicom for more details.
13. Not all carriers support eSIM. See your carrier for more details. For Model A2904, contact China Unicom for more details.
14. Not all carriers support eSIM. See your carrier for more details. For Model A3162, contact China Unicom for more details.
15. Not all carriers support eSIM. See your carrier for more details. For Model A2996, contact China Unicom for more details.
16. Not all carriers support eSIM. See your carrier for more details. Not available in China mainland. eSIM technology works with iPad Pro 11-inch (1st generation or later), iPad Pro 12.9-inch (3rd generation or later), iPad Air (3rd generation or later), iPad (7th generation or later), and iPad mini (5th and 6th generation).

Apple Pay is a service provided by Apple Payments Services LLC, a subsidiary of Apple Inc. Neither Apple Inc. nor Apple Payments Services LLC is a bank. Any card used in Apple Pay is offered by the card issuer.

iPad	Compare			
Shop and Learn	Account	Apple Store	For Business	Apple Values
Store	Manage Your Apple Account	Find a Store	Apple and Business	Accessibility
Mac	Apple Store Account	Genius Bar	Shop for Business	Education
iPad	iCloud.com	Today at Apple		Environment
iPhone	Entertainment	Group Reservations	For Education	Inclusion and Diversity
Watch	Apple One	Apple Camp	Apple and Education	Privacy
Vision	Apple TV+	Apple Store App	Shop for K-12	Racial Equity and Justice
AirPods	Apple Music	Certified Refurbished	Shop for College	Supply Chain
TV & Home	Apple Arcade	Apple Trade In	For Healthcare	
AirTag		Financing	Apple in Healthcare	About Apple

Accessories	Apple Fitness+	Carrier Deals at Apple	Mac in Healthcare	Newsroom
Gift Cards	Apple News+	Order Status	Health on Apple Watch	Apple Leadership
Apple Wallet	Apple Podcasts	Shopping Help	Health Records on iPhone and iPad	Career Opportunities
Wallet	Apple Books			Investors
Apple Card	App Store		For Government	Ethics & Compliance
Apple Pay			Shop for Government	Events
Apple Cash			Shop for Veterans and Military	Contact Apple

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