

## Documentation



## iPad Pro 13-inch (M4) - Tech Specs

Year introduced: 2024

[Identify your iPad model](#)

### Finish

Silver

Space Black

### Capacity<sup>1</sup>

256GB

512GB

1TB

2TB

### Size and Weight<sup>2</sup>

#### Wi-Fi models

**Width:** 8.48 inches (215.5 mm)

**Height:** 11.09 inches (281.6 mm)

**Depth:** 0.20 inch (5.1 mm)

**Weight:** 1.28 pounds (579 grams)

#### Wi-Fi + Cellular models

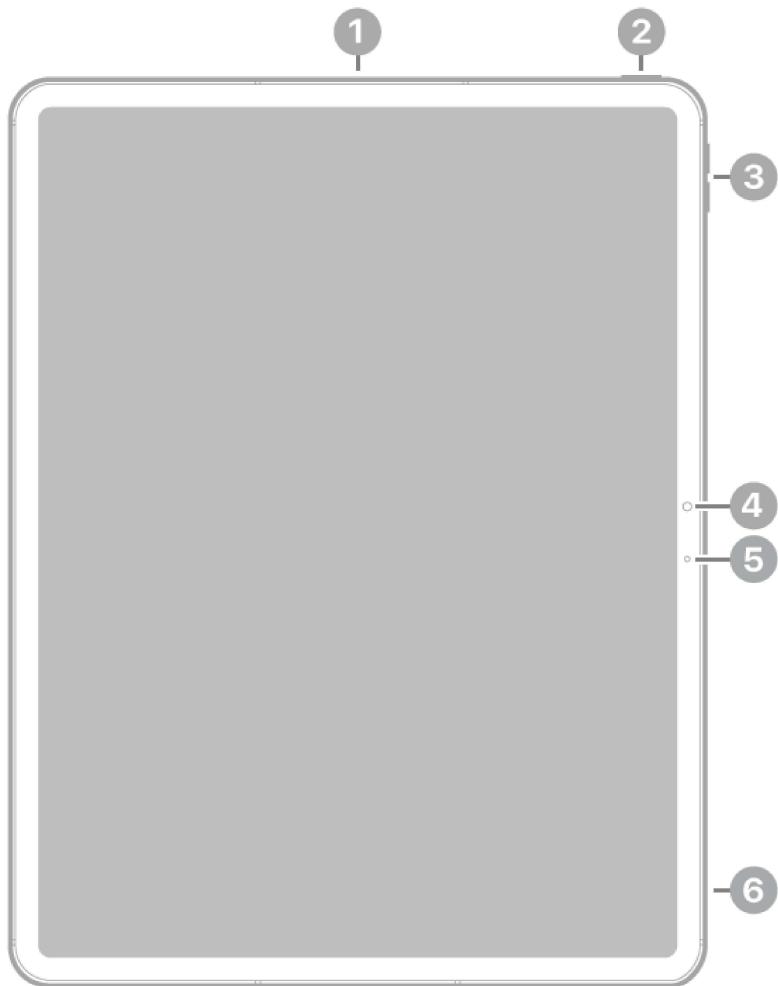
**Width:** 8.48 inches (215.5 mm)

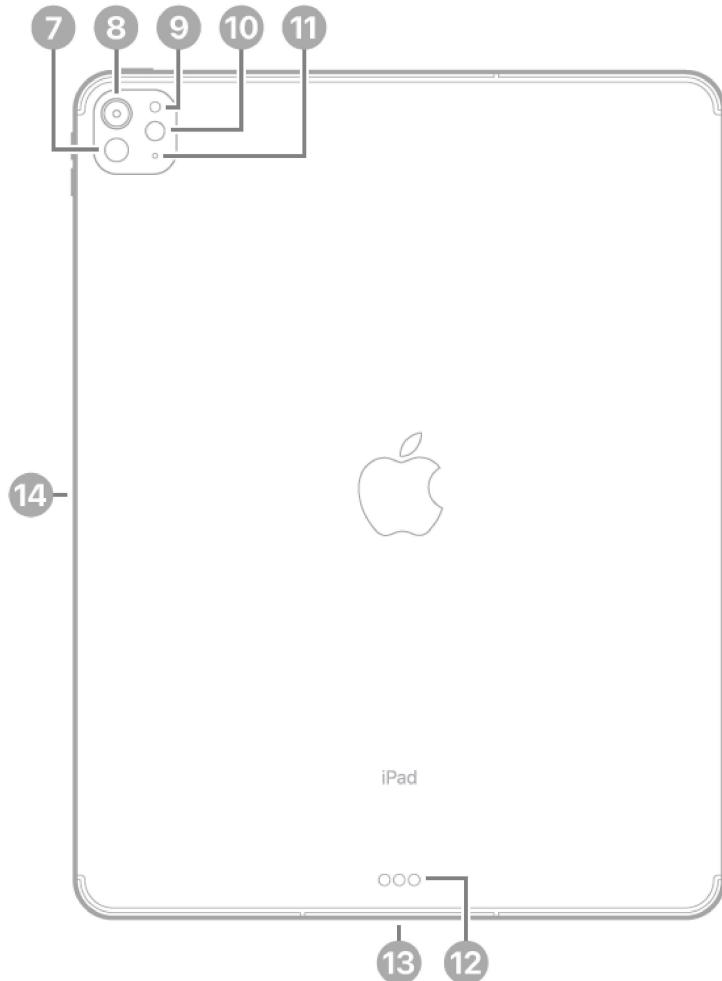
**Height:** 11.09 inches (281.6 mm)

**Depth:** 0.20 inch (5.1 mm)

**Weight:** 1.28 pounds (582 grams)

#### Buttons and Connectors





1. Microphone
2. Top button
3. Volume buttons
4. Front camera
5. Microphone
6. Microphone
7. LiDAR Scanner
8. Rear camera
9. Rear ambient light sensor
10. Flash
11. Microphone
12. Smart connector
13. USB-C connector
14. Magnetic connector for Apple Pencil

## In the Box

iPad Pro  
USB-C Charge Cable (1 meter)  
20W USB-C Power Adapter  
Polishing cloth in nano-texture display glass option

## Display

Ultra Retina XDR display

Tandem OLED<sup>3</sup>

2752-by-2064-pixel resolution at 264 ppi

ProMotion technology with adaptive refresh rates from 10Hz to 120Hz

Wide color (P3)

True Tone

Fingerprint-resistant oleophobic coating

Fully laminated

Antireflective coating

Nano-texture display glass option on 1TB and 2TB models

SDR brightness: 1000 nits max

XDR brightness: 1000 nits max full screen, 1600 nits peak (HDR content only)

2,000,000:1 contrast ratio

Supports **Apple Pencil Pro**, **Apple Pencil (USB-C)**

Apple Pencil hover

## Chip

### Apple M4 chip

#### Models with 256GB or 512GB storage:

9-core CPU with 3 performance cores and 6 efficiency cores

10-core GPU

Hardware-accelerated ray tracing

16-core Neural Engine

120GB/s memory bandwidth

8GB RAM

#### Models with 1TB or 2TB storage:

10-core CPU with 4 performance cores and 6 efficiency cores

10-core GPU

Hardware-accelerated ray tracing

16-core Neural Engine

120GB/s memory bandwidth

16GB RAM

## Media Engine

Hardware-accelerated 8K H.264, HEVC, ProRes, and ProRes RAW

Video decode engine

Video encode engine

ProRes encode and decode engine

AV1 decode

## Apple Intelligence<sup>4</sup>

Built into your iPad, 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 about Apple Intelligence](#)

## Camera

12MP Wide camera, f/1.8 aperture

Digital zoom up to 5x  
Five-element lens  
Adaptive True Tone flash  
Panorama (up to 63MP)  
Sapphire crystal lens cover  
Autofocus with Focus Pixels  
Smart HDR 4  
Wide color capture for photos and Live Photos  
Advanced red-eye correction  
Photo geotagging  
Auto image stabilization  
Burst mode  
Image formats captured: HEIF and JPEG

### Video Recording

4K video recording at 24 fps, 25 fps, 30 fps, or 60 fps  
1080p HD video recording at 25 fps, 30 fps, or 60 fps  
720p HD video recording at 30 fps  
ProRes video recording up to 4K at 30 fps (1080p at 30 fps for 256GB storage)  
Audio zoom  
Adaptive True Tone flash  
Slo-mo video support for 1080p at 120 fps or 240 fps  
Time-lapse video with stabilization  
Extended dynamic range for video up to 30 fps  
Cinematic video stabilization (4K, 1080p, and 720p)  
Continuous autofocus video  
Playback zoom  
Video formats recorded: HEVC and H.264  
Stereo recording

### TrueDepth Camera

Landscape 12MP Center Stage camera  
 $f/2$  aperture  
Portrait mode with advanced bokeh and Depth Control  
Portrait Lighting with six effects (Natural, Studio, Contour, Stage, Stage Mono, High-Key Mono)  
Animoji and Memoji  
Smart HDR 4  
1080p HD video recording at 25 fps, 30 fps, or 60 fps  
Time-lapse video with stabilization  
Extended dynamic range for video up to 30 fps  
Cinematic video stabilization (1080p and 720p)  
Wide color capture for photos and Live Photos  
Lens correction  
Retina Flash with True Tone  
Auto image stabilization  
Burst mode

## Video Calling<sup>5</sup>

FaceTime video

Center Stage

iPad to any FaceTime-enabled device over Wi-Fi or cellular

Share experiences like movies, TV, music, and other apps in a FaceTime call with SharePlay

Screen sharing

Portrait mode in FaceTime video

Spatial Audio

Voice Isolation and Wide Spectrum microphone modes

## Audio Calling<sup>5</sup>

FaceTime audio

iPad to any FaceTime-enabled device over Wi-Fi or cellular

## Speakers

Four speaker audio

## Microphones

Studio-quality four-mic array for calls, video recording, and audio recording

## Cellular and Wireless

### All models

Wi-Fi 6E (802.11ax) with 2x2 MIMO<sup>6</sup>

Simultaneous dual band

Bluetooth 5.3

### Wi-Fi + Cellular models

5G (sub-6 GHz) with 4x4 MIMO

Gigabit LTE with 4x4 MIMO

### Model A2926 and A2837:

5G NR (Bands n1, n2, n3, n5, n7, n8, n12, n14, n20, n25, n26, n28, n29, n30, n38, n40, n41, n48, n66, n70, n71, n75, n76, n77, n78, n79)<sup>7</sup>

FDD-LTE (Bands 1, 2, 3, 4, 5, 7, 8, 11, 12, 13, 14, 17, 18, 19, 20, 21, 25, 26, 28, 29, 30, 32, 66, 71)

TD-LTE (Bands 34, 38, 39, 40, 41, 42, 48)

UMTS/HSPA/HSPA+/DC-HSDPA (850, 900, 1700/2100, 1900, 2100 MHz)

Data only<sup>8</sup>

Wi-Fi calling<sup>7</sup>

eSIM<sup>9</sup>

[Learn more about cellular](#)

For details on 5G and LTE support, contact your carrier and see [apple.com/ipad/cellular/networks](https://apple.com/ipad/cellular/networks).

## SIM Card

eSIM<sup>9</sup>

iPad Pro uses eSIM technology and is not compatible with physical SIM cards.

[Learn more about eSIM](#)

[Learn more about traveling with eSIM](#)

## Location

**All models**

Digital compass  
Wi-Fi  
iBeacon microlocation

**Wi-Fi + Cellular models**

GPS/GNSS  
Cellular

**Sensors**

Face ID  
LiDAR Scanner  
Three-axis gyro  
Accelerometer  
Barometer  
Ambient light sensors

**Face ID**

Enabled by TrueDepth camera for facial recognition  
Unlock iPad  
Secure personal data within apps  
Make purchases from the iTunes Store, App Store, and Apple Books

**Apple Pay**

Pay with your iPad using Face ID within apps and on the web  
Send and receive money in Messages  
[Learn more about Apple Pay](#)

**Siri<sup>10</sup>**

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 Siri  
Protected by the strongest privacy of any intelligent assistant  
Powered by Apple Intelligence, Siri is more natural and helpful

[Learn more about Siri](#)

**Charging and Expansion**

Thunderbolt / USB 4 port with support for:  
Charging  
DisplayPort  
Thunderbolt 3 (up to 40Gb/s)  
USB 4 (up to 40Gb/s)  
USB 3 (up to 10Gb/s)

**Display Support**

Supports full native resolution on the built-in display at millions of colors  
Supports one external display with up to 6K resolution at 60Hz

**Thunderbolt 3 digital video output**

Native DisplayPort output over USB-C

VGA, HDMI, DVI, and Thunderbolt 2 output supported using adapters (sold separately)<sup>11</sup>

### Video mirroring

Up to 4K AirPlay for mirroring, photos, and video out to Apple TV (2nd generation or later) or AirPlay-enabled smart TV

Video mirroring and video out support through USB-C Digital AV Multiport Adapter and USB-C VGA Multiport Adapter (adapters sold separately)<sup>11</sup>

### Power and Battery<sup>12</sup>

Built-in 38.99-watt-hour rechargeable lithium-polymer battery

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

Charging via power adapter or USB-C to computer system

### Wi-Fi + Cellular models

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

## Operating System

### iPadOS

iPadOS comes with powerful features and built-in apps designed to take advantage of the unique capabilities of iPad.

[Learn more about iPadOS](#)

[iPad User Guide](#)

### Accessibility

Built-in accessibility features supporting vision, mobility, hearing, and cognitive disabilities help you get the most out of your iPad.

[Learn more about Accessibility](#)

### Features include:

VoiceOver

Zoom

Magnifier

Spoken Content

Voice Control

Switch Control

AssistiveTouch

Siri and Dictation

Type to Siri

Real-Time Text

Audio Descriptions

Subtitles and Closed Captioning

Live Captions

### Built-in Apps

App Store

Books

Calendar

Camera

Clock

Contacts

FaceTime

Files

Find My  
Freeform  
Health  
Home  
iTunes Store  
Magnifier  
Mail  
Maps  
Measure  
Messages  
Music  
News  
Notes  
Photo Booth  
Photos  
Podcasts  
Reminders  
Safari  
Settings  
Shortcuts  
Siri  
Stocks  
Tips  
Translate  
TV  
Voice Memos  
Weather

## Free Apps from Apple

Pages, Numbers, Keynote, iMovie, GarageBand, Clips, and Apple Store app are preinstalled on iPad.

Pages  
Numbers  
Keynote  
iMovie  
GarageBand  
Apple Store  
Clips  
Swift Playgrounds  
Support

## System Requirements

Apple ID (required for some features)

Internet access<sup>13</sup>

### Syncing to a Mac or PC requires:

macOS Catalina 10.15 or later using the Finder

macOS High Sierra 10.13 through macOS Mojave 10.14.6 using iTunes 12.9 or later

Windows 10 or later using iTunes 12.12.10 or later (free download from [apple.com/itunes/download](https://apple.com/itunes/download))

## Languages

### Language support

Arabic, Bulgarian, Catalan, Chinese (Simplified, Traditional, Traditional – Hong Kong), Croatian, Czech, Danish, Dutch, English (Australia, India, UK, U.S.), Finnish, French (Canada, France), German, Greek, Hebrew, Hindi, Hungarian, Indonesian, Italian, Japanese, Kazakh, Korean, Malay, Norwegian, Polish, Portuguese (Brazil, Portugal), Romanian, Russian, Slovak, Spanish (Latin America, Spain, U.S.), Swedish, Thai, Turkish, Ukrainian, Vietnamese

### QuickType keyboard support

Ainu, Akan, Albanian, Amharic, Apache (Western), Arabic, Arabic (Najdi), Armenian, Assamese, Assyrian, Azerbaijani, Bangla (Standard, Transliteration), Belarusian, Bodo, Bulgarian, Burmese, Cantonese – Traditional (Cangjie, Handwriting, Phonetic, Stroke, Sucheng), Catalan, Cherokee, Chickasaw, Chinese – Simplified (Handwriting, Pinyin – QWERTY, Pinyin – 10-Key, Shuangpin, Stroke), Chinese – Traditional (Cangjie, Handwriting, Pinyin – QWERTY, Pinyin – 10-Key, Shuangpin, Stroke, Sucheng, Zhuyin), Choctaw, Chuvas, Croatian, Czech, Danish, Dhivehi, Dogri, Dutch (Belgium, Netherlands), Dzongkha, Emoji, English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, U.S.), Estonian, Faroese, Filipino, Finnish, Flemish, French (Belgium, Canada, France, Switzerland), Fula (Adlam), Georgian, German (Austria, Germany, Switzerland), Greek, Gujarati (Standard, Transliteration), Hausa, Hawaiian, Hebrew, Hindi (Devanagari, Latin, Transliteration), Hmong (Pahawh), Hungarian, Icelandic, Igbo, Indonesian, Ingush, Irish Gaelic, Italian, Japanese (Handwriting, Kana, Romaji), Kabyle, Kannada (Standard, Transliteration), Kashmiri (Arabic, Devanagari), Kazakh, Khmer, Konkani (Devanagari), Korean (2-Set, 10-Key), Kurdish (Arabic, Latin), Kyrgyz, Lao, Latvian, Liangshan Yi, Lithuanian, Macedonian, Maithili, Malay (Arabic, Latin), Malayalam (Standard, Transliteration), Maltese, Mandaic, Manipuri (Bengali, Meetei Mayek), Māori, Marathi (Devanagari, Transliteration), Mi'kmaw, Mongolian, Navajo, Nepali, N'Ko, Norwegian (Bokmål, Nynorsk), Odia, Osage, Pashto, Persian, Persian (Afghanistan), Polish, Portuguese (Brazil, Portugal), Punjabi (Gurmukhi – QWERTY, Gurmukhi – Standard, Transliteration), Rejang, Rohingya, Romanian, Russian, Samoan, Sanskrit, Santali (Devanagari, Ol Chiki), Serbian (Cyrillic, Latin), Sindhi (Arabic, Devanagari), Sinhala, Slovak, Slovenian, Spanish (Latin America, Mexico, Spain), Swahili, Swedish, Tajik, Tamazight (Standard Moroccan), Tamil (Anjal, Tamil 99, Transliteration), Telugu (Standard, Transliteration), Thai, Tibetan, Tongan, Turkish, Turkmen, Ukrainian, Urdu (Standard, Transliteration), Uyghur, Uzbek (Arabic, Cyrillic, Latin), Vietnamese (Telex, VIQR, VNI), Wancho, Welsh, Wolastoqey, Yiddish, Yoruba

### QuickType keyboard support with autocorrection

Arabic, Arabic (Najdi), Bangla, Bulgarian, Catalan, Cherokee, Chinese – Simplified (Pinyin – QWERTY), Chinese – Traditional (Pinyin – QWERTY), Chinese – Traditional (Zhuyin), Croatian, Czech, Danish, Dutch (Belgium, Netherlands), English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, U.S.), Estonian, Filipino, Finnish, French (Belgium), French (Canada), French (France), French (Switzerland), German (Austria), German (Germany), German (Switzerland), Greek, Gujarati, Hawaiian, Hebrew, Hindi (Devanagari, Latin, Transliteration), Hungarian, Icelandic, Indonesian, Irish Gaelic, Italian, Japanese (Kana), Japanese (Romaji), Korean (2-Set, 10-Key), Latvian, Lithuanian, Macedonian, Malay, Marathi, Norwegian (Bokmål), Norwegian (Nynorsk), Persian, Persian (Afghanistan), Polish, Portuguese (Brazil), Portuguese (Portugal), Punjabi, Romanian, Russian, Serbian (Cyrillic), Serbian (Latin), Slovak, Slovenian, Spanish (Latin America), Spanish (Mexico), Spanish (Spain), Swedish, Tamil (Anjal), Tamil (Tamil 99), Telugu, Thai, Turkish, Ukrainian, Urdu, Vietnamese (Telex)

### QuickType keyboard support with predictive typing

Arabic, Arabic (Najdi), Cantonese (Traditional), Chinese (Simplified, Traditional), Dutch (Belgium, Netherlands), English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, U.S.), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Hebrew, Hindi (Devanagari, Latin), Italian, Japanese, Korean, Polish, Portuguese (Brazil, Portugal), Romanian, Russian, Spanish (Latin America, Mexico, Spain), Swedish, Thai, Turkish, Vietnamese

### QuickType keyboard support with multilingual typing

Chinese (Simplified – Pinyin, Traditional – Pinyin), Dutch (Belgium, Netherlands), English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, U.S.), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Hebrew, Hindi (Latin), Italian, Japanese (Romaji), Polish, Portuguese (Brazil, Portugal), Romanian, Spanish (Latin America, Mexico, Spain), Turkish, Vietnamese

### QuickType keyboard support with contextual suggestions

Arabic, Arabic (Najdi), Chinese (Simplified), Dutch (Belgium, Netherlands), English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, U.S.), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Hindi (Devanagari, Latin), Italian, Portuguese (Brazil), Russian, Spanish (Latin America, Mexico, Spain), Swedish, Turkish, Vietnamese

### QuickPath keyboard support

Arabic, Chinese (Simplified – Pinyin – QWERTY, Traditional – Pinyin – QWERTY), Dutch (Belgium, Netherlands), English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, U.S.), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Hebrew, Italian, Korean, Polish, Portuguese (Brazil, Portugal), Romanian, Spanish (Latin America, Mexico, Spain), Swedish, Vietnamese

## Siri languages

Arabic (Saudi Arabia, United Arab Emirates), Cantonese (China mainland, Hong Kong), Danish (Denmark), Dutch (Belgium, Netherlands), English (Australia, Canada, India, Ireland, New Zealand, Singapore, South Africa, UK, U.S.), Finnish (Finland), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Hebrew (Israel), Italian (Italy, Switzerland), Japanese (Japan), Korean (Republic of Korea), Malay (Malaysia), Mandarin Chinese (China mainland, Taiwan), Norwegian (Norway), Portuguese (Brazil), Russian (Russia), Spanish (Chile, Mexico, Spain, U.S.), Swedish (Sweden), Thai (Thailand), Turkish (Türkiye)

## Dictation languages

Arabic (Kuwait, Qatar, Saudi Arabia, United Arab Emirates), Cantonese (China mainland, Hong Kong), Mandarin Chinese (China mainland, Taiwan), Catalan, Croatian, Czech, Danish, Dutch (Belgium, Netherlands), English (Australia, Canada, India, Ireland, Malaysia, New Zealand, Philippines, Saudi Arabia, Singapore, South Africa, United Arab Emirates, UK, U.S.), Finnish, French (Belgium, Canada, France, Luxembourg, Switzerland), German (Austria, Germany, Switzerland), Greek, Hebrew, Hindi, Hungarian, Indonesian, Italian (Italy, Switzerland), Japanese, Korean, Malay, Norwegian (Bokmål), Polish, Portuguese (Brazil, Portugal), Romanian, Russian, Shanghainese (China mainland), Slovak, Spanish (Latin America, Mexico, Spain, U.S.), Swedish, Turkish, Thai, Ukrainian, Vietnamese

## Monolingual dictionary support

Bulgarian, Catalan, Chinese (Simplified, Traditional, Traditional – Hong Kong), Danish, Dutch, English (UK, U.S.), French, German, Greek, Hebrew, Hindi, Italian, Japanese, Korean, Malay, Norwegian, Polish, Portuguese, Punjabi, Romanian, Russian, Spanish, Swedish, Thai, Turkish

## Idiom dictionary support

Cantonese – English, Chinese (Simplified) – English, Chinese (Traditional) – English

## Bilingual dictionary support

Arabic – English, Bangla – English, Chinese (Simplified) – English, Chinese (Traditional) – English, Chinese (Simplified) – Japanese, Czech – English, Dutch – English, Finnish – English, French – English, French – German, German – English, Greek – English, Gujarati – English, Hindi – English, Hungarian – English, Indonesian – English, Italian – English, Japanese – English, Korean – English, Malay – English, Polish – English, Portuguese – English, Russian – English, Spanish – English, Swedish – English, Tamil – English, Telugu – English, Thai – English, Urdu – English, Vietnamese – English

## Thesaurus

Chinese (Simplified), English (UK, U.S.)

## Spell check

Arabic, Arabic (Najdi), Bulgarian, Czech, Danish, Dutch (Belgium, Netherlands), English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, U.S.), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Greek, Finnish, Hindi (Devanagari), Hungarian, Irish Gaelic, Italian, Norwegian (Bokmål, Nynorsk), Polish, Portuguese (Brazil, Portugal), Punjabi, Romanian, Russian, Spanish (Latin America, Mexico, Spain), Swedish, Telugu, Turkish, Vietnamese

## Apple Pay supported regions

Argentina, Armenia, Australia, Austria, Azerbaijan, Bahrain, Belarus, Belgium, Brazil, Bulgaria, Canada, China mainland,<sup>14</sup> Colombia, Costa Rica, Croatia, Cyprus, Czech Republic, Denmark, El Salvador, Estonia, Faroe Islands, Finland, France, Georgia, Germany, Greece, Greenland, Guatemala, Guernsey, Honduras, Hong Kong, Hungary, Iceland, Ireland, Isle of Man, Israel, Italy, Japan, Jersey, Jordan, Kazakhstan, Kuwait, Latvia, Liechtenstein, Lithuania, Luxembourg, Macao, Malaysia, Malta, Mexico, Moldova, Monaco, Montenegro, Morocco, Netherlands, New Zealand, Norway, Palestine, Panama, Peru, Poland, Portugal, Qatar, Romania, San Marino, Saudi Arabia, Serbia, Singapore, Slovakia, Slovenia, South Africa, South Korea, Spain, Sweden, Switzerland, Taiwan, UK, Ukraine, United Arab Emirates, U.S., Vatican City, Vietnam

## Video Playback

Supported formats include HEVC, H.264, AV1, and ProRes

HDR with Dolby Vision, HDR10, and HLG

## Audio Playback

Supported formats include AAC, MP3, Apple Lossless, FLAC, Dolby Digital, Dolby Digital Plus, and Dolby Atmos  
Spatial Audio playback  
User-configurable maximum volume limit

## Mail Attachment Support

### Viewable document types

.jpg, .tiff, .gif (images); .doc and .docx (Microsoft Word); .htm and .html (web pages); .key (Keynote); .numbers (Numbers); .pages (Pages); .pdf (Preview and Adobe Acrobat); .ppt and .pptx (Microsoft PowerPoint); .txt (text); .rtf (rich text format); .vcf (contact information); .xls and .xlsx (Microsoft Excel); .zip; .ics; .usdz; .pkpass (Wallet)

## Environmental Requirements

### Operating ambient temperature:

32° to 95° F (0° to 35° C)

### Nonoperating temperature:

-4° to 113° F (-20° to 45° C)

### Relative humidity:

5% to 95% noncondensing

### Operating altitude:

tested up to 10,000 feet (3000 m)

## iPad Pro and the Environment

### iPad Pro is designed to reduce environmental impact:<sup>15</sup>

[See the iPad Pro Product Environmental Report \(PDF\).](#)

### Progress toward Apple 2030

More than 20% recycled or renewable content<sup>16</sup>

Over 25% of manufacturing electricity sourced from clean electricity<sup>17</sup>

37% emissions reduction against baseline<sup>18</sup>

[See Apple's commitment](#)

## Materials

100% recycled aluminum in the enclosure

100% recycled rare earth elements in all magnets, representing 99% of the rare earth elements in the device

100% recycled tin in the solder of multiple printed circuit boards

100% recycled gold in the plating of multiple printed circuit boards

100% recycled copper foil in multiple printed circuit boards

35% or more recycled plastic in multiple components

## Energy

Over 25% of manufacturing electricity sourced from clean electricity<sup>17</sup>

ENERGY STAR® certified<sup>19</sup>

## Packaging

100% fiber-based packaging<sup>20</sup>

36% recycled content in fiber packaging

## Waste

No established final assembly sites generate waste sent to landfill as part of Apple's Zero Waste Program

## Smarter chemistry<sup>21</sup>

Arsenic-free display glass

Mercury-, BFR-, and PVC-free

1. 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.
2. Size and weight vary by configuration and manufacturing process.
3. The displays have rounded corners. When measured diagonally as a rectangle, the 13-inch iPad Pro is 13 inches, and the 11-inch iPad Pro is 11.1 inches. Actual viewable area is less.
4. Apple Intelligence is available in beta on iPad mini (A17 Pro), and iPad models with M1 and later, with Siri and device language set to the same supported language, as part of an iPadOS 18 software update. Supported languages include English, French, German, Italian, Portuguese (Brazil), Spanish, Japanese, Korean, and Chinese (Simplified). More languages are coming over the course of the year, including Vietnamese. Some features may not be available in all regions or languages.
5. FaceTime calling requires a FaceTime-enabled device for the caller and recipient and a Wi-Fi connection. Availability over a cellular network depends on carrier policies; data charges may apply.
6. Wi-Fi 6E available in countries and regions where supported.
7. Data plan required. 5G, Gigabit 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](https://apple.com/ipad/cellular).
8. 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.
9. Not all carriers support eSIM. See your carrier for more details. For Model A3007 and A3006, contact China Unicom for more details.
10. Siri may not be available in all languages or in all areas, and features may vary by area. Internet access required. Cellular data charges may apply.
11. Standard dynamic range video content only.
12. Testing conducted by Apple in March and April 2024 using preproduction iPad Pro 11-inch (M4) and iPad Pro 13-inch (M4) units. Testing consisted of full battery discharge while performing each of the following tasks: video playback and internet browsing using Wi-Fi or cellular data network (cellular models subscribed to LTE and 5G carrier networks). Video content was a repeated 2-hour 23-minute movie purchased from the iTunes Store. Internet over Wi-Fi and cellular data network tests were conducted using dedicated web servers, browsing snapshot versions of 20 popular web pages. All settings were default except: Wi-Fi was associated with a network (except for internet browsing over cellular data network); the Wi-Fi feature Ask to Join Networks and Auto-Brightness were turned off; Brightness was set to 50%; and WPA2 encryption was enabled. Battery life depends on device settings, usage, network, and many other factors. Battery tests are conducted using specific iPad units; actual results may vary.
13. Wireless broadband recommended; fees may apply.
14. In China mainland, you can use Apple Pay on the web in Safari only on compatible iPhone and iPad models using iOS 11.2 or later.
15. Data accurate as of product launch.
16. Product recycled or renewable content is the mass of certified recycled material relative to the overall mass of the device, not including packaging or in-box accessories.
17. We estimate the percentage of electricity-related emissions in our manufacturing that is sourced from clean electricity by attributing to our carbon model clean energy procured by our suppliers in the prior fiscal year, based on the supplier manufacturing allocations at time of product launch. Included in this number is only clean electricity that Apple or its suppliers have procured as part of Apple's Supplier Clean Energy Program.
18. Carbon reductions are calculated against a baseline scenario: 1) No use of clean electricity for manufacturing or product use, beyond what is already available on the latest modeled grid (based on regional emissions factors). 2) Apple's carbon intensity of key materials as of 2015 (our baseline year for our 2030 product carbon neutrality goal). Carbon intensity of materials reflects use of recycled content and production technology. 3) Apple's average mix of transportation modes (air, rail, ocean, ground) by product line across three years (fiscal years 2017 to 2019) to best capture the baseline transportation emissions of our products.
19. ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.
20. Based on retail packaging as shipped by Apple. Breakdown of U.S. retail packaging by weight. Adhesives, inks, and coatings are excluded from our calculations of plastic content and packaging weight.
21. [Apple Regulated Substances Specification](#) describes Apple's restrictions on the use of certain chemical substances in materials in Apple products, accessories, manufacturing processes, and packaging used for shipping products to Apple's end-customers. Restrictions are derived from international laws or directives, regulatory agencies, eco-label requirements, environmental standards, and Apple policies. Every Apple product is free of PVC and phthalates except for AC power cords in India, Thailand (for two-prong AC power cords), and South Korea, where we continue to seek government approval for our PVC and phthalates replacement. Apple products comply with the European Union Directive 2011/65/EU and its amendments, including exemptions for the use of lead such as high-temperature solder. Apple is working to phase out the use of these exempted substances for new products where technically possible.

Some features may not be available for all countries or all areas. [View complete list](#).

Helpful?

Yes

No

