iPad (A16) - Tech Specs

Year introduced : 2025

Finish	Silver Blue Pink Yellow
Capacity[1]	128GB 256GB 512GB
Size and Weight[2]	**Wi-Fi models** **Height:** 248.6 mm (9.79 inches)

Width: 179.5 mm (7.07 inches)

Depth: 7 mm (0.28 inches)

Weight: 477 grams (1.05 pounds)

Wi-Fi + Cellular models

Height: 248.6 mm (9.79 inches)

Width: 179.5 mm (7.07 inches)

Depth: 7 mm (0.28 inches)

Weight: 481 grams (1.06 pounds)

Buttons and Connectors

Speakers

Top button / Touch ID sensor

Microphones

Volume up/down

Camera

Smart Connector

USB-C connector

In the Box

iPad (A16)

USB-C Charge Cable (1 metre)

Display

Liquid Retina display

LED backlit Multi-Touch display with IPS technology

2360x1640-pixel resolution at 264 pixels per inch (ppi)

True Tone display

500 nits brightness

Fingerprint-resistant oleophobic coating

Supports **Apple Pencil (USB-C)**, **Apple Pencil (1st generation)**◆

The iPad display has rounded corners. When measured diagonally as a rectangle, the screen is 10.86 inches. Actual viewable area is less.

◆Pair and charge Apple Pencil (1st generation) using USB-C to Apple Pencil Adapter.

Chip

A16 chip

5-core CPU

4-core GPU

16-core Neural Engine

Camera

12MP Wide camera, ƒ/1.8 aperture

Digital zoom up to 5x

Five-element lens

Autofocus with Focus Pixels

Panorama (up to 63MP)

Smart HDR 4

	Photo geotagging Auto image stabilisation 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 or 60 fps Slo-mo video support for 1080p at 120 fps or 240 fps Time-lapse video with stabilisation Extended dynamic range for video up to 30 fps Video image stabilisation Cinematic video stabilisation (1080p and 720p) Continuous autofocus video Playback zoom Video formats captured: HEVC and H.264
Front Camera	Landscape 12MP Center Stage camera ƒ/2.4 aperture Smart HDR 4 1080p HD video recording at 25 fps, 30 fps or 60 fps Time-lapse video with stabilisation Extended dynamic range for video up to 30 fps Cinematic video stabilisation (1080p and 720p) Lens correction Retina Flash Auto image stabilisation Burst mode
Video Calling[3]	FaceTime video Centre Stage iPad to any FaceTime-enabled device over Wi-Fi or a mobile network
Audio Calling[3]	FaceTime audio iPad to any FaceTime-enabled device over Wi-Fi or a mobile network
Speakers	Landscape stereo speakers
Microphones	Dual microphones for calls, video recording and audio recording

Mobile and Wireless

All models

Wi-Fi 6 (802.11ax) with 2x2 MIMO

Simultaneous dual band

Bluetooth 5.3

Wi-Fi + Cellular models

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

Gigabit LTE with 4x4 MIMO

Model A3355:

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)[4]

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[5]

Wi-Fi calling[4]

eSIM[6]

Learn more about mobile data

For details on 5G and LTE support, contact your provider and see apple.com/uk/ipad/cellular.

SIM Card

eSIM[6]

iPad uses advanced eSIM technology for more convenience and security (not compatible with physical SIM cards)

Learn more about eSIM

Learn more about travelling with eSIM

Location

All models

Digital compass

Wi-Fi

iBeacon micro-location

Wi-Fi + Cellular models

GPS/GNSS

Mobile data

Sensors

Touch ID

Three-axis gyro

Accelerometer

Barometer

Ambient light sensor

Touch ID	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 Touch ID within apps and on the web Learn more about Apple Pay
Siri[7]	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 Learn more about Siri
Charging and Expansion	USB-C port with support for: Charging DisplayPort USB 2.0 (up to 480Mb/s)
Display Support	**Supports full native resolution on the built-in display at millions of colours** Supports one external display with up to 4K resolution at 60Hz **Digital video output** Native DisplayPort output over USB-C VGA, HDMI and DVI output supported using adapters (sold separately) **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)
Power and Battery[8]	**All models** Built-in 28.93-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 a mobile 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

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	Switch Control	Audio Descriptions
Zoom	AssistiveTouch	Subtitles and Closed Captioning
Magnifier	Siri and Dictation	
Spoken Content	Type to Siri	
Voice Control	Real-Time Text	

Built-in Apps

App Store	Home	Photos
Books	iTunes Store	Podcasts
Calculator	Magnifier	Reminders
Calendar	Mail	Safari
Camera	Maps	Settings
Clock	Measure	Shortcuts
Contacts	Messages	Stocks
FaceTime	Music	Tips
Files	News	Translate
Find My	Notes	TV
Freeform	Passwords	Voice Memos
Health	Photo Booth	Weather

Free Apps from Apple

Pages, Numbers, Keynote, iMovie, GarageBand, Clips and Apple Store app are pre-installed on iPad.

Pages	iMovie	Clips
Numbers	GarageBand	Swift Playgrounds
Keynote	Apple Store	Support

System Requirements

Apple Account (required for some features)

Internet access[9]

Syncing to a Mac or PC requires:

macOS Catalina 10.15 or later using the Finder

macOS High Sierra 10.13 to 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/uk/itunes/download)

Languages

Language support

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

QuickType keyboard support

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

QuickType keyboard support with auto-correction

Arabic, Arabic (Najdi), Bangla (Alphabetic, InScript, Transliteration), Bulgarian, Catalan, Cherokee, Chinese – Simplified (Pinyin – QWERTY), Chinese – Traditional (Pinyin – QWERTY), Chinese – Traditional (Standard, Zhuyin-Grid), Croatian, Czech, Danish, Dutch (Belgium, Netherlands), English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, US), Estonian, Filipino, Finnish, French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Greek, Gujarati (Alphabetic, InScript, Transliteration), Hawaiian, Hebrew, Hindi (Alphabetic, InScript, Transliteration),

Hungarian, Icelandic, Indonesian, Irish Gaelic, Italian, Japanese (Kana, Romaji), Korean (2-Set, 10-Key), Latvian, Lithuanian, Macedonian, Malay, Marathi (Alphabetic, InScript, Transliteration), Norwegian (Bokmål, Nynorsk), Persian, Persian (Afghanistan), Polish, Portuguese (Brazil, Portugal), Punjabi (Alphabetic, InScript, QWERTY, Transliteration), Romanian, Russian, Serbian (Cyrillic, Latin), Slovak, Slovenian, Spanish (Latin America, Mexico, Spain), Swedish, Tamil (Alphabetic, Anjal, Tamil 99, Transliteration), Telugu, Thai, Turkish, Ukrainian, Urdu (Alphabetic, QWERTY, Transliteration), Vietnamese (Telex)

QuickType keyboard support with predictive typing

Arabic, Arabic (Najdi), Bangla, Cantonese (Traditional), Chinese (Simplified, Traditional), Czech, Danish, Dutch (Belgium, Netherlands), English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, US), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Greek, Gujarati, Hebrew, Hindi, Icelandic, Indonesian, Italian, Japanese, Korean, Lithuanian, Marathi, Norwegian (Bokmål, Nynorsk), Polish, Portuguese (Brazil, Portugal), Punjabi, Romanian, Russian, Slovenian, Spanish (Latin America, Mexico, Spain), Swedish, Tamil, Telugu, 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, US), 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, US), 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, US), 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, US), 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, US), Swedish (Sweden), Thai (Thailand), Turkish (Türkiye)

Dictation languages

Arabic (Kuwait, Qatar, Saudi Arabia, United Arab Emirates), Cantonese (China mainland, Hong Kong), 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, US), Finnish, French (Belgium, Canada, France, Luxembourg, Switzerland), German (Austria, Germany, Switzerland), Greek, Hebrew, Hindi, Hungarian, Indonesian, Italian (Italy, Switzerland), Japanese, Korean, Malay, Mandarin Chinese (China mainland, Taiwan), Norwegian (Bokmål), Polish, Portuguese (Brazil, Portugal), Romanian, Russian, Shanghainese (China mainland), Slovak, Spanish (Latin America, Mexico, Spain, US), Swedish, Thai, Turkish, Ukrainian, Vietnamese

Monolingual dictionary support

Bulgarian, Catalan, Chinese (Simplified, Traditional, Traditional – Hong Kong), Danish, Dutch, English (UK, US), 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, Cantonese (Traditional) – English, Chinese (Simplified) – English, Chinese (Simplified) – Japanese, Croatian – English, Czech – English, Danish – 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, Kannada – English, Kazakh – English, Korean – English, Malay – English, Malayalam – English, Norwegian – English, Polish – English, Portuguese – English, Punjabi – English, Russian – English, Slovak – English, Spanish – English, Swedish – English, Tamil – English, Telugu – English, Thai – English, Turkish – English, Ukrainian – English, Urdu – English, Vietnamese – English

Thesaurus

Chinese (Simplified), English (UK, US)

Spellcheck

Arabic, Arabic (Najdi), Bulgarian, Czech, Danish, Dutch (Belgium, Netherlands), English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, US), Finnish, 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, Chile, China mainland,[10] 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, Korea (Republic of), 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, Spain, Sweden, Switzerland, Taiwan, UK, Ukraine, United Arab Emirates, US, Vatican City, Vietnam

Video Playback

Supported formats include HEVC and H.264

Supports Dolby Vision and HDR10 content

Audio Playback

Supported formats include AAC, MP3, Apple Lossless, FLAC, Dolby Digital, Dolby Digital Plus and Dolby Atmos

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

Ambient operating temperature:

0° to 35° C (32° to 95° F)

Non-operating temperature:

−20° to 45° C (−4° to 113° F)

Relative humidity:

5% to 95% non-condensing

Operating altitude:

tested up to 3,000 metres (10,000 feet)

iPad and the Environment

iPad is designed to reduce environmental impact:[11]

See the iPad Product Environmental Report (PDF)

Progress towards Apple 2030

40% recycled content[12]

Over 30% of manufacturing electricity sourced from renewable electricity[13]

Over 40% emissions reduction against business-as-usual scenario as modelled by Apple[14]

See Apple's commitment

Materials

100% recycled aluminium in the enclosure and metal chassis

100% recycled cobalt and over 95% recycled lithium in the battery

100% recycled copper in multiple printed circuit boards

100% recycled gold wire in all cameras

100% recycled gold in the plating of all Apple-designed printed circuit boards and all connectors

100% recycled rare earth elements in all magnets

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

80% recycled steel in the logo

15% recycled glass in the cover glass

At least 50% recycled plastic in 11 components

100% fibre-based packaging[15]

41% recycled content in fibre-based packaging

Energy

Over 30% of manufacturing electricity for iPad is sourced from renewable electricity

ENERGY STAR® certified[16]

Waste

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

Smarter chemistry[17]

Arsenic-free glass

Mercury-, BFR- and PVC-free

1. Available space is less and varies due to many factors. Storage capacity is 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. FaceTime calling requires a FaceTime-enabled device for the caller and recipient and a Wi-Fi connection. Availability over a mobile network depends on provider policies; data charges may apply.
4. Data plan required. 5G, Gigabit , LTE and Wi-Fi calling are available in selected markets and through selected network providers. Speeds are based on theoretical throughput and vary based on site conditions and network. For details on 5G and LTE support, contact your provider and see apple.com/uk/ipad/cellular.
5. Data plan sold separately. The model you purchase is configured to work with a particular mobile network technology. Check with your network provider for compatibility and data plan availability.
6. For Model A3355, see your provider for details. Not available in China mainland.
7. Siri may not be available in all languages or in all areas, and features may vary by area. Internet access required. Mobile data charges may apply.
8. Testing conducted by Apple in January and February 2025 using pre-production iPad (A16) units and software. Testing consisted of full battery discharge while performing each of the following tasks: video playback and internet browsing using Wi-Fi or a mobile data network (cellular models subscribed to LTE and 5G networks). Video content was a repeated 2-hour 23-minute movie purchased from the iTunes Store. Internet over Wi-Fi and mobile 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 mobile 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.
9. Wireless broadband recommended; fees may apply.
10. 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.
11. Data accurate as of product launch.
12. 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.
13. We estimate the percentage of electricity-related emissions in our manufacturing that is sourced from low-carbon electricity by attributing to our carbon model low-carbon energy procured by our suppliers in the prior fiscal year, based on the supplier manufacturing allocations at time of product launch. This calculation assesses the suppliers for iPad. Included in this number is only low-carbon electricity that Apple or its suppliers have procured as part of Apple's Supplier Clean Energy Programme.
14. Carbon reductions are calculated against a product-specific business-as-usual scenario as modelled by Apple: 1) No use of clean electricity for manufacturing or product use, beyond what is already available on the latest modelled 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 transport modes (air, rail, sea, land) by product line and by region across three years (fiscal years 2017 to 2019) to best capture the baseline transport emissions of our products.

15. Based on retail packaging as shipped by Apple. Breakdown of US retail packaging by weight. Adhesives, inks and coatings are excluded from our calculations of plastic content and packaging weight.
16. ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the US Environmental Protection Agency.
17. Apple's 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 leads in India, Thailand (for two-pin AC power leads) and the Republic of 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.

Helpful? Yes No

Support iPad (A16) - Tech Specs

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