

iPhone 16 Pro Max - Tech Specs

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SupportGet HelpCommunityCheck CoverageRepairHelpful TopicsGet AppleCare+Apple Account and PasswordBilling & SubscriptionsAccessibility

Switch from PC to Mac

Explore All Apple Watch

Apple Watch Series 10

Apple Watch Ultra 2

Apple Watch For Your Kids

Explore TV & Home

Explore TV & Home

Shop TV & Home

Shop Apple TV 4K

TV & Home Accessories

More from TV & Home

Beats by Dr. Dre

Apple Account and Password

5 total resultsQuick LinksIf you forgot your Apple ID passwordIf you forgot the passcode for your iPhone, iPad, or iPod touchView, change, or cancel your subscriptionsUpdate iOS on your deviceContact Apple Support

If you forgot your Apple ID password

If you forgot the passcode for your iPhone, iPad, or iPod touch

View, change, or cancel your subscriptions

Update iOS on your device

Identify your iPhone model

Titanium design, Latest-generation Ceramic Shield front, Textured matt glass back

Width:77.6 mm (3.06 inches)

Width:77.6 mm (3.06 inches)

Height:163 mm (6.42 inches)

Height:163 mm (6.42 inches)

Depth:8.25 mm (0.32 inches)

Depth:8.25 mm (0.32 inches)

Weight:227 grams (7.99 ounces)

Weight:227 grams (7.99 ounces)

Super Retina XDR display

Super Retina XDR display

6.9-inch (diagonal) all-screen OLED display

6.9-inch (diagonal) all-screen OLED display

2868x1320-pixel resolution at 460 ppi

2868x1320-pixel resolution at 460 ppi

ProMotion technology with adaptive refresh rates up to 120Hz

ProMotion technology with adaptive refresh rates up to 120Hz

2,000,000:1 contrast ratio (typical)

2,000,000:1 contrast ratio (typical)

1,000 nits max brightness (typical); 1,600 nits peak brightness (HDR); 2,000 nits peak brightness (outdoor); 1 nit minimum brightness

1,000 nits max brightness (typical); 1,600 nits peak brightness (HDR); 2,000 nits peak brightness (outdoor); 1 nit minimum brightness

Support for display of multiple languages and characters simultaneously

Support for display of multiple languages and characters simultaneously

The iPhone 16 Pro Max display has rounded corners that follow a beautiful curved design, and these corners are within a standard rectangle. When measured as a standard rectangular shape, the screen is 6.86 inches diagonally (actual viewable area is less).

Splash, Water and Dust Resistant³

Rated IP68 (maximum depth of 6 metres up to 30 minutes) under IEC standard 60529

Built into your iPhone, 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.⁴

Learn more about Apple In-telli-gence

New 6?core CPU with 2 perform-ance and 4 efficiency cores

New 6?core CPU with 2 perform-ance and 4 efficiency cores

New 16?core Neural Engine

New 16?core Neural Engine

48MP Fusion: 24mm, $f/1.78$ aperture, second?generation sensor?shift optical image stabilisation, 100% Focus Pixels, support for super?high?resolution photos (24MP and 48MP)

48MP Fusion: 24mm, $f/1.78$ aperture, second?generation sensor?shift optical image stabilisation, 100% Focus Pixels, support for super?high?resolution photos (24MP and 48MP)

Also enables 12MP 2x Telephoto: 48mm, $f/1.78$ aperture, second-generation sensor?shift optical image stabilisation, 100% Focus Pixels

Also enables 12MP 2x Telephoto: 48mm, $f/1.78$ aperture, second-generation sensor?shift optical image stabilisation, 100% Focus Pixels

48MP Ultra Wide: 13mm, $f/2.2$ aperture and 120° field of view, Hybrid Focus Pixels, super-high-resolution photos (48MP)

48MP Ultra Wide: 13mm, $f/2.2$ aperture and 120° field of view, Hybrid Focus Pixels, super-high-resolution photos (48MP)

12MP 5x Telephoto: 120mm, $f/2.8$ aperture and 20° field of view, 100% Focus Pixels, seven-element lens, 3D sensor-shift optical image stabilisation and autofocus, tetraprism design

12MP 5x Telephoto: 120mm, $f/2.8$ aperture and 20° field of view, 100% Focus Pixels, seven-element lens, 3D sensor-shift optical image stabilisation and autofocus, tetraprism design

5x optical zoom in, 2x optical zoom out; 10x optical zoom range

5x optical zoom in, 2x optical zoom out; 10x optical zoom range

Digital zoom up to 25x

Digital zoom up to 25x

Customisable default lens (Fusion)

Customisable default lens (Fusion)

Sapphire crystal lens cover

Sapphire crystal lens cover

Adaptive True Tone flash

Adaptive True Tone flash

Next-generation portraits with Focus and Depth Control

Next-generation portraits with Focus and Depth Control

Portrait Lighting with six effects

Portrait Lighting with six effects

Night mode portraits enabled by LiDAR scanner

Night mode portraits enabled by LiDAR scanner

Panorama (up to 63MP)

Panorama (up to 63MP)

Wide colour capture for photos and Live Photos

Wide colour capture for photos and Live Photos

Lens correction (Ultra Wide)

Lens correction (Ultra Wide)

Image formats captured: HEIF, JPEG and DNG

Image formats captured: HEIF, JPEG and DNG

4K Dolby Vision video recording at 24 fps, 25 fps, 30 fps, 60 fps, 100 fps (Fusion) or 120 fps (Fusion)

4K Dolby Vision video recording at 24 fps, 25 fps, 30 fps, 60 fps, 100 fps (Fusion) or 120 fps (Fusion)

1080p Dolby Vision video recording at 25 fps, 30 fps, 60 fps or 120 fps (Fusion)

1080p Dolby Vision video recording at 25 fps, 30 fps, 60 fps or 120 fps (Fusion)

720p Dolby Vision video recording at 30 fps

720p Dolby Vision video recording at 30 fps

Cinematic mode up to 4K HDR at 30 fps

Cinematic mode up to 4K HDR at 30 fps

Action mode up to 2.8K at 60 fps

Action mode up to 2.8K at 60 fps

Spatial video recording at 1080p at 30 fps

Spatial video recording at 1080p at 30 fps

ProRes video recording up to 4K at 120 fps with external recording

ProRes video recording up to 4K at 120 fps with external recording

Academy Color Encoding System

Academy Color Encoding System

Macro video recording, including slo-mo and time-lapse

Macro video recording, including slo-mo and time-lapse

Slo-mo video support up to 4K at 120 fps (Fusion) and up to 1080p at 240 fps (Ultra Wide and Telephoto)

Slo-mo video support up to 4K at 120 fps (Fusion) and up to 1080p at 240 fps (Ultra Wide and Telephoto)

Time-lapse video with stabilisation

Time-lapse video with stabilisation

QuickTake video up to 4K at 60 fps in Dolby Vision

QuickTake video up to 4K at 60 fps in Dolby Vision

Second-generation sensor-shift optical image stabilisation for video (Fusion)

Second-generation sensor-shift optical image stabilisation for video (Fusion)

3D sensor-shift optical image stabilisation and autofocus for video (Telephoto)

3D sensor-shift optical image stabilisation and autofocus for video (Telephoto)

Digital zoom up to 25x

Digital zoom up to 25x

Cinematic video stabilisation (4K, 1080p and 720p)

Cinematic video stabilisation (4K, 1080p and 720p)

Take 8MP still photos while recording 4K video

Take 8MP still photos while recording 4K video

Video formats recorded: HEVC, H.264 and ProRes

Video formats recorded: HEVC, H.264 and ProRes

Spatial Audio and stereo recording

Spatial Audio and stereo recording

Autofocus with Focus Pixels

Autofocus with Focus Pixels

Next-generation portraits with Focus and Depth Control

Next-generation portraits with Focus and Depth Control

Portrait Lighting with six effects

Portrait Lighting with six effects

Wide colour capture for photos and Live Photos

Wide colour capture for photos and Live Photos

4K Dolby Vision video recording at 24 fps, 25 fps, 30 fps or 60 fps

4K Dolby Vision video recording at 24 fps, 25 fps, 30 fps or 60 fps

1080p Dolby Vision video recording at 25 fps, 30 fps or 60 fps

1080p Dolby Vision video recording at 25 fps, 30 fps or 60 fps

Cinematic mode up to 4K Dolby Vision at 30 fps

Cinematic mode up to 4K Dolby Vision at 30 fps

ProRes video recording up to 4K at 60 fps with external recording

ProRes video recording up to 4K at 60 fps with external recording

Academy Color Encoding System

Academy Color Encoding System

Slo-mo video support for 1080p at 120 fps

Slo-mo video support for 1080p at 120 fps

Time-lapse video with stabilisation

Time-lapse video with stabilisation

QuickTake video up to 4K at 60 fps in Dolby Vision

QuickTake video up to 4K at 60 fps in Dolby Vision

Cinematic video stabilisation (4K, 1080p and 720p)

Cinematic video stabilisation (4K, 1080p and 720p)

Spatial Audio and stereo recording

Spatial Audio and stereo recording

Enabled by True-Depth cam-era for facial recognition

Enabled by True-Depth cam-era for facial recognition

Pay with your iPhone using Face ID in shops, within apps and on the web

Pay with your iPhone using Face ID in shops, within apps and on the web

Complete purchases made with Apple Pay on your Mac

Complete purchases made with Apple Pay on your Mac

Pay for your journey using Express Travel⁵

Pay for your journey using Express Travel⁵

Learn more about Apple Pay

Emergency SOS via satellite⁶

Emergency SOS via satellite⁶

Roadside Assistance via satellite⁶

Roadside Assistance via satellite⁶

FDD-5G NR (Bands n1, n2, n3, n5, n7, n8, n12, n20, n25, n26, n28, n30, n66, n70, n75, n76)

FDD-5G NR (Bands n1, n2, n3, n5, n7, n8, n12, n20, n25, n26, n28, n30, n66, n70, n75, n76)

TDD-5G NR (Bands n38, n40, n41, n48, n53, n77, n78, n79)

TDD-5G NR (Bands n38, n40, n41, n48, n53, n77, n78, n79)

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

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

TDD-LTE (Bands 34, 38, 39, 40, 41, 42, 48, 53)

TDD-LTE (Bands 34, 38, 39, 40, 41, 42, 48, 53)

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

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

GSM/EDGE (850, 900, 1800, 1900 MHz)

GSM/EDGE (850, 900, 1800, 1900 MHz)

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

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

Gigabit LTE with 4x4 MIMO and LAA

Gigabit LTE with 4x4 MIMO and LAA

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

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

Second-generation Ultra Wideband chip

Second-generation Ultra Wideband chip

NFC with reader mode

NFC with reader mode

Express Cards with Power Reserve

Express Cards with Power Reserve

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

Precision dual-frequency GPS (GPS, GLONASS, Galileo, QZSS, BeiDou and NavIC)

Precision dual-frequency GPS (GPS, GLONASS, Galileo, QZSS, BeiDou and NavIC)

FaceTime video calling over Wi-Fi or a mobile network

FaceTime video calling over Wi-Fi or a mobile network

FaceTime HD (1080p) video calling over 5G or Wi-Fi

FaceTime HD (1080p) video calling over 5G or Wi-Fi

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

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

Portrait mode in FaceTime video

Portrait mode in FaceTime video

Voice Isolation and Wide Spectrum microphone modes

Voice Isolation and Wide Spectrum microphone modes

Optical zoom with rear-facing camera

Optical zoom with rear-facing camera

Voice over LTE (VoLTE)

Voice over LTE (VoLTE)

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

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

Voice Isolation and Wide Spectrum microphone modes

Voice Isolation and Wide Spectrum microphone modes

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

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

User-configurable maximum volume limit

User-configurable maximum volume limit

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

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

HDR with Dolby Vision, HDR10+/HDR10 and HLG

HDR with Dolby Vision, HDR10+/HDR10 and HLG

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

Up to 4K HDR 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: up to 4K HDR through native DisplayPort output over USB-C or USB-C Digital AV Adapter (model A2119; adapter sold separately)¹²

Video mirroring and video out support: up to 4K HDR through native DisplayPort output over USB-C or USB-C Digital AV Adapter (model A2119; adapter sold separately)¹²

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 Siri

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

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

Learn more about Siri

External Buttons and Connectors

SIM tray (available on models purchased outside the U.S.)

SIM tray (available on models purchased outside the U.S.)

Silent mode, Focus, Camera, Torch, Voice Memo, Recognise Music, Translate, Magnifier, Controls, Shortcut or Accessibility

Silent mode, Focus, Camera, Torch, Voice Memo, Recognise Music, Translate, Magnifier, Controls, Shortcut or Accessibility

Exposure, Depth, Zoom, Cameras, Styles, Tone

Exposure, Depth, Zoom, Cameras, Styles, Tone

USB-C connector with support for:

USB-C connector with support for:

USB 3 (up to 10Gb/s)¹⁴

USB 3 (up to 10Gb/s)¹⁴

Video playback: Up to 33 hours

Video playback: Up to 33 hours

Video playback (streamed): Up to 29 hours

Video playback (streamed): Up to 29 hours

Audio playback: Up to 105 hours

Audio playback: Up to 105 hours

Built-in rechargeable lithium-ion battery

Built-in rechargeable lithium-ion battery

MagSafe wireless charging up to 25W with 30W adapter or higher¹⁶

MagSafe wireless charging up to 25W with 30W adapter or higher¹⁶

Qi wireless charging up to 7.5W¹⁶

Qi wireless charging up to 7.5W¹⁶

Fast-charge capable: Up to 50% charge in around 30 minutes¹⁶ with 20W adapter or higher paired with USB-C charging cable, or 30W adapter or higher paired with MagSafe Charger (all available separately)

Fast-charge capable: Up to 50% charge in around 30 minutes¹⁶ with 20W adapter or higher paired with USB-C charging cable, or 30W adapter or higher paired with MagSafe Charger (all available separately)

Wireless charging up to 25W with 30W adapter or higher¹⁶

Wireless charging up to 25W with 30W adapter or higher¹⁶

High dynamic range gyro

High dynamic range gyro

Dual ambient light sensors

Dual ambient light sensors

iOS 18 Our most personal and secure mobile operating system yet, iOS 18 is packed with powerful features and designed to protect your privacy.

See what's new in iOS

Built-in accessibility features supporting vision, mobility, hearing, speech and cognitive needs help you get the most out of your iPhone ? in the ways that work best for you.

Learn more about Accessibility

RTT and Textphone support

RTT and Textphone support

For a complete list of Apple apps available on iPhone, see apple.com/uk/apps.

Dual SIM (nano-SIM and eSIM)¹⁷

Dual SIM (nano-SIM and eSIM)¹⁷

Learn more about eSIM

Learn more about travelling with eSIM

Rating for Hearing Aids

.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 (USDZ Universal)

.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 (USDZ Universal)

Apple ID (required for some features)

Apple ID (required for some features)

Syncing to a Mac or PC requires:

Syncing to a Mac or PC requires:

macOS Catalina 10.15 or later using the Finder

macOS Catalina 10.15 or later using the Finder

macOS High Sierra 10.13 to macOS Mojave 10.14.6 using iTunes 12.8 or later

macOS High Sierra 10.13 to macOS Mojave 10.14.6 using iTunes 12.8 or later

Windows 10 or later using iTunes 12.12.10 or later (free download from apple.com/uk/itunes/download)

Windows 10 or later using iTunes 12.12.10 or later (free download from apple.com/uk/itunes/download)

Ambient operating temperature: 0° to 35° C (32° to 95° F)

Ambient operating temperature: 0° to 35° C (32° to 95° F)

Non-operating temperature: 20° to 45° C (68° to 113° F)

Non-operating temperature: 20° to 45° C (68° to 113° F)

Relative humidity: 5% to 95% non-condensing

Relative humidity: 5% to 95% non-condensing

Operating altitude: tested up to 3,000 metres (10,000 feet)

Operating altitude: tested up to 3,000 metres (10,000 feet)

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

English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, US), Chinese ? Simplified (Handwriting, Pinyin QWERTY, Pinyin 10-Key, Shuangpin, Stroke), Chinese ? Traditional (Cangjie, Handwriting, Pinyin QWERTY, Pinyin 10-Key, Shuangpin, Stroke, Sucheng, Zhuyin), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Italian, Japanese (Kana, Romaji), Korean (2-Set, 10-Key), Spanish (Latin America, Mexico, Spain), Ainu, 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, Croatian, Czech, Danish, Dhivehi, Dogri, Dutch, Dzongkha, Emoji, Estonian, Faroese, Filipino, Finnish, Flemish, Fula (Adlam), Georgian, Greek, Hawaiian, Hebrew, Hindi (Alphabetic, InScript,

Transliteration), Hungarian, Icelandic, Igbo, Indonesian, Irish Gaelic, Kashmiri (Arabic, Devanagari), Kazakh, Khmer, Konkani (Devanagari), Kurdish (Arabic, Latin), Kyrgyz, Lao, Latvian, Lithuanian, Macedonian, Maithili, Malay (Arabic, Latin), Maltese, Manipuri (Bengali, Meetei Mayek), M?ori, Mongolian, Navajo, Nepali, Norwegian (Bokmål, Nynorsk), Odia (Alphabetic, InScript), Pashto, Persian, Persian (Afghanistan), Polish, Portuguese (Brazil, Portugal), Punjabi (Alphabetic, InScript, QWERTY, Transliteration), Rohingya, Romanian, Russian, Samoan, Sanskrit, Santali (Devanagari, Ol Chiki), Serbian (Cyrillic, Latin), Sindhi (Arabic, Devanagari), Sinhala, Slovak, Slovenian, Swahili, Swedish, Tajik, Tamil (Anjal, Tamil 99, Transliteration), Telugu (Alphabetic, InScript, QWERTY, Transliteration), Thai, Tibetan, Tongan, Turkish, Turkmen, Ukrainian, Uyghur, Uzbek (Arabic, Cyrillic, Latin), Vietnamese (Telex, VIQR, VNI), Welsh, Yiddish, Akan, Chickasaw, Choctaw, Chuvash, Gujarati (Alphabetic, InScript, Transliteration), Hausa, Hmong (Pahawh), Ingush, Kabyle, Kannada (InScript, QWERTY, Transliteration), Liangshan Yi, Malayalam (Alphabetic, InScript, Transliteration), Mandaic, Marathi (InScript, QWERTY, Transliteration), Mi?kmaq, N?Ko, Osage, Rejang, Tamazight (Standard Moroccan), Wancho, Wolastoqey, Yoruba, Inari Sámi, Kildin Sámi, Lule Sámi, Lushootseed, Mvskoke, North Sámi, Pite Sámi, Skolt Sámi, South Sámi, Ume Sámi, Urdu (Alphabetic, QWERTY, Transliteration)

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, English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, US), Estonian, Filipino, Finnish, Dutch (Belgium), French (Belgium), French (Canada), French (France), French (Switzerland), German (Austria), German (Germany), German (Switzerland), Greek, Gujarati (Alphabetic, InScript, Transliteration), Hawaiian, Hebrew, Hindi (Alphabetic, InScript, Transliteration), Hungarian, Icelandic, Indonesian, Irish Gaelic, Italian, Japanese (Kana), Japanese (Romaji), Korean (2-Set, 10-Key), Latvian, Lithuanian, Macedonian, Malay, Marathi (Alphabetic, InScript, Transliteration), Norwegian (Bokmål), Norwegian (Nynorsk), Persian, Persian (Afghanistan), Polish, Portuguese

(Brazil), Portuguese (Portugal), Punjabi (Alphabetic, InScript, QWERTY, Transliteration), Romanian, Russian, Serbian (Cyrillic), Serbian (Latin), Slovak, Slovenian, Spanish (Latin America), Spanish (Mexico), Spanish (Spain), Swedish, Tamil (Alphabetic, Anjal, Tamil 99, Transliteration), Telugu, Thai, Turkish, Ukrainian, Urdu (Alphabetic, QWERTY, Transliteration), Vietnamese (Telex)

QuickType keyboard support with predictive typing

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

QuickType keyboard support with multilingual typing

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

QuickType keyboard support with contextual suggestions

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

QuickType keyboard support with QuickPath

English (Australia, Canada, India, Japan, New Zealand, Singapore, South Africa, UK, US), Chinese (Simplified Pinyin QWERTY), Chinese (Traditional Pinyin QWERTY), French (Canada, France,

Switzerland), German (Germany, Austria, Switzerland), Italian, Spanish (Latin America, Mexico, Spain), Portuguese (Brazil, Portugal), Dutch (Belgium, Netherlands), Swedish, Vietnamese, Arabic, Hebrew, Korean, Polish, Romanian

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

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

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

Simplified Chinese, Traditional Chinese?English, Cantonese?English

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

English (UK, US), Chinese (Simplified)

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

Argentina, Armenia, Australia, Austria, Azerbaijan, Bahrain, Belarus, Belgium, Brazil, Bulgaria, Canada, Chile, China mainland, Colombia, Costa Rica, Croatia, Cyprus, Czechia, 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, Palestinian Territories, 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

iPhone 16 Pro Max

iPhone 16 Pro Max

USB-C Charge Cable (1m)

USB-C Charge Cable (1m)

As part of our efforts to reach carbon neutrality by 2030, iPhone 16 Pro and iPhone 16 Pro Max do not include a power adapter or EarPods. Included in the box is a USB-C Charge Cable that

supports fast charging and is compatible with USB-C power adapters and computer ports.

We encourage you to use any compatible USB-C power adapter. If you need a new Apple power adapter or headphones, they are available for purchase.

iPhone 16 Pro and iPhone 16 Pro Max are designed to reduce environmental impact:²⁰

See the iPhone 16 Pro and iPhone 16 Pro Max Product Environmental Report

Progress towards Apple 2030

More than 25% recycled content²¹

More than 25% recycled content²¹

30% emissions reductions against business-as-usual scenario as modelled by Apple²²

30% emissions reductions against business-as-usual scenario as modelled by Apple²²

100% recycled aluminium in the internal structural frame and thermal substructure

100% recycled aluminium in the internal structural frame and thermal substructure

100% recycled cobalt in the battery²³

100% recycled cobalt in the battery²³

Over 95% recycled lithium in the battery ? a first for Apple²³

Over 95% recycled lithium in the battery ? a first for Apple²³

100% recycled gold wire in all cameras and Camera Control

100% recycled gold wire in all cameras and Camera Control

100% recycled gold in the plating of multiple printed circuit boards, the USB-C connector and multiple small parts

100% recycled gold in the plating of multiple printed circuit boards, the USB-C connector and multiple small parts

100% recycled copper in multiple printed circuit boards, and 100% recycled copper foil and wire in the inductive charger

100% recycled copper in multiple printed circuit boards, and 100% recycled copper foil and wire in the inductive charger

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

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

100% recycled tungsten and copper wire in the Taptic Engine

100% recycled tungsten and copper wire in the Taptic Engine

100% recycled rare earth elements in all magnets

100% recycled rare earth elements in all magnets

80% recycled steel in multiple components including the Taptic Engine, speaker, multiple small parts and the display support plate

80% recycled steel in multiple components including the Taptic Engine, speaker, multiple small parts and the display support plate

At least 50% recycled plastic in 14 components

At least 50% recycled plastic in 14 components

66% recycled content in fibre packaging

66% recycled content in fibre packaging

30% of manufacturing electricity for iPhone 16 Pro and iPhone 16 Pro Max is sourced from renewable electricity²⁵

30% of manufacturing electricity for iPhone 16 Pro and iPhone 16 Pro Max is sourced from renewable electricity²⁵

Exceeds US Department of Energy requirements for battery charger systems²⁶

Exceeds US Department of Energy requirements for battery charger systems²⁶

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

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

Mercury-, BFR- and PVC-free

Mercury-, BFR- and PVC-free

*To identify your iPhone model number, see support.apple.com/en-gb/HT3939. For details on 5G and LTE support, contact your network provider and see apple.com/uk/iphone/cellular. Mobile data

technology support is based on iPhone model number and configuration for GSM networks.

Available space is less and varies due to many factors. A standard configuration uses approximately 12GB to 17GB of space, including iOS 18 with its latest features and Apple apps that can be deleted. Apple apps that can be deleted use about 4.5GB of space, and you can re-download them from the App Store. Storage capacity subject to change based on software version, settings and iPhone model.

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Size and weight vary by configuration and manufacturing process.

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iPhone 16 Pro and iPhone 16 Pro Max are splash, water and dust resistant and were tested under controlled laboratory conditions with a rating of IP68 under IEC standard 60529 (maximum depth of 6 metres up to 30 minutes). Splash, water and dust resistance are not permanent conditions. Resistance might decrease as a result of normal wear. Do not attempt to charge a wet iPhone; refer to the user guide for cleaning and drying instructions. Liquid damage not covered under warranty.

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Apple Intelligence is available in beta on all iPhone 16 models, iPhone 15 Pro and iPhone 15 Pro Max, with Siri and device language set to English (Australia, Canada, Ireland, New Zealand, South Africa, UK or US), as an iOS 18 update. Additional features and languages will be available in April, with more languages coming over the course of the year. Languages supported in 2025 include

Chinese, English (India, Singapore), French, German, Italian, Japanese, Korean, Portuguese, Spanish and Vietnamese.

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Available only in selected cities and public transport systems. Requires eligible device and OS version. See [here](#) for details.

Available only in selected cities and public transport systems. Requires eligible device and OS version. See [here](#) for details.

Roadside Assistance and Emergency SOS via satellite are included free for two years with the activation of any iPhone 16 model. Connection and response times vary based on location, site conditions and other factors. See support.apple.com/en-gb/HT213885 for more information.

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iPhone 16 and iPhone 16 Pro can detect a serious car crash and call for help. Requires a mobile data connection or Wi-Fi calling.

iPhone 16 and iPhone 16 Pro can detect a serious car crash and call for help. Requires a mobile data connection or Wi-Fi calling.

Data plan required. 5G, Gigabit LTE, VoLTE 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/iphone/cellular.

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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/iphone/cellular.

Wi-Fi 7 available in countries and regions where supported.

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Ultra Wideband availability varies by region.

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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.

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.

Standard dynamic range video content only.

Standard dynamic range video content only.

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.

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USB 3 cable with 10Gb/s speed required.

USB 3 cable with 10Gb/s speed required.

All battery claims depend on network configuration and many other factors; actual results will vary. Battery has limited recharge cycles and may eventually need to be replaced. Battery life and charge cycles vary by use and settings. See apple.com/uk/batteries and apple.com/uk/iphone/battery.html for more information.

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cycles vary by use and settings. See apple.com/uk/batteries and apple.com/uk/iphone/battery.html for more information.

MagSafe wireless charging up to 25W with 30W adapter or higher. Testing conducted by Apple in August 2024 using pre-production iPhone 16 Pro and iPhone 16 Pro Max units and software, USB-C Charge Cable with Apple USB-C Power Adapter (20W Model A2305), and Apple MagSafe Chargers (1-metre Model A2580 and 2-metre Model A3250) with Apple USB-C Power Adapter (30W Model A2164). Fast-charge testing conducted with drained iPhone units. Times measured from the appearance of the Apple logo as the unit started up. Charge time varies with settings and environmental factors; actual results will vary. Wireless chargers sold separately.

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Use of eSIM requires a wireless service plan (which may include restrictions on switching service providers and roaming, even after contract expires). Not all providers support eSIM. Use of eSIM in iPhone may be disabled when purchased from some providers. See your provider for details. To learn more, visit support.apple.com/en-gb/HT212780.

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Wireless broadband recommended; fees may apply.

Wireless broadband recommended; fees may apply.

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.

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.

Data accurate as of product launch.

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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.

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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 across three years (fiscal years 2017 to 2019) to best capture the baseline transport emissions of our products.

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Lithium and cobalt in the battery claims use mass balance allocation.

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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.

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.

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 iPhone 16 Pro Max with 256GB. 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.

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Efficiency performance is based on the US Department of Energy Federal Energy Conservation Standards for Battery Chargers.

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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.

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

iPhone 16 Pro Max - Tech Specs