

MacBook Air (15-inch, M3, 2024) - Tech Specs

StoreShopShop the LatestMaciPadiPhoneApple WatchAccessoriesQuick LinksFind a StoreOrder StatusWays to BuyPersonal SetupShop Special StoresEducationBusinessMacExplore MacExplore All MacMacBook AirMacBook ProiMacMac miniMac StudioMac ProDisplaysCompare MacSwitch from PC to MacShop MacShop MacMac AccessoriesWays to BuyMore from MacMac SupportAppleCare+ for MacmacOS SequoiaApple IntelligenceApps by AppleContinuityiCloud+Mac for BusinessEducationiPadExplore iPadExplore All iPadiPad ProiPad AiriPad miniApple PencilKeyboardsCompare iPadWhy iPadShop iPadShop iPadiPad AccessoriesWays to BuyMore from iPadiPad SupportAppleCare+ for iPadiPadOS 18Apple IntelligenceApps by AppleiCloud+EducationiPhoneExplore iPhoneExplore All iPhoneiPhone 16 ProiPhone 16iPhone 16eiPhone 15Compare iPhoneSwitch from AndroidShop iPhoneShop iPhoneiPhone AccessoriesApple Trade InWays to BuyMore from iPhoneiPhone SupportAppleCare+ for iPhoneiOS 18Apple IntelligenceApps by AppleiPhone PrivacyiCloud+WalletSiriWatchExplore WatchExplore All Apple WatchApple Watch Series 10Apple Watch Ultra 2Apple Watch SEApple Watch NikeCompare WatchWhy Apple WatchShop WatchShop Apple WatchApple Watch StrapsApple Watch AccessoriesWays to BuyMore from WatchApple Watch SupportAppleCare+watchOS 11Apple Watch For Your KidsApps by AppleAirPodsExplore AirPodsExplore All AirPodsAirPods 4AirPods Pro 2AirPods MaxCompare AirPodsShop AirPodsShop AirPodsAirPods AccessoriesMore from AirPodsAirPods SupportAppleCare+ for HeadphonesApple MusicTV & HomeExplore TV & HomeExplore TV & HomeApple TV 4KHomePodHomePod miniShop TV & HomeShop Apple TV 4KShop HomePodShop HomePod miniShop Siri RemoteTV & Home AccessoriesMore from TV & HomeApple TV SupportHomePod SupportAppleCare+Apple TV appApple TV+Home appApple MusicSiriAirPlayEntertainmentExplore EntertainmentExplore EntertainmentApple OneApple TV+Apple MusicApple ArcadeApple PodcastsApple BooksApp StoreSupportApple TV+SupportApple Music SupportAccessoriesShop AccessoriesShop All AccessoriesMaciPadiPhoneApple WatchAirPodsTV & HomeExplore AccessoriesMade by AppleBeats by Dr. DreAirTagSupportExplore SupportiPhoneMaciPadWatchAirPodsMusicTVExplore

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

8-core CPU with 4 performance cores and 4 efficiency cores

8-core CPU with 4 performance cores and 4 efficiency cores

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

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

ProRes encode and decode engine

ProRes encode and decode engine

15.3-inch (diagonal) LED-backlit display with IPS technology;12880x1864 native resolution at 224 pixels per inch

15.3-inch (diagonal) LED-backlit display with IPS technology;12880x1864 native resolution at 224 pixels per inch

Support for 1 billion colours

Support for 1 billion colours

Up to 18 hours Apple TV app movie playback

Up to 18 hours Apple TV app movie playback

Up to 15 hours wireless web

Up to 15 hours wireless web

35W Dual USB-C Port Power Adapter

35W Dual USB-C Port Power Adapter

USB-C to MagSafe 3 Cable

USB-C to MagSafe 3 Cable

Fast-charge capable with 70W USB-C Power Adapter

Fast-charge capable with 70W USB-C Power Adapter

512GB, 1TB or 2TB

512GB, 1TB or 2TB

Two Thunderbolt / USB 4 ports with support for:

Two Thunderbolt / USB 4 ports with support for:

Thunderbolt 3 (up to 40Gb/s)

Thunderbolt 3 (up to 40Gb/s)

USB 4 (up to 40Gb/s)

USB 4 (up to 40Gb/s)

Simultaneously supports full native resolution on the built-in display at 1 billion colours and:

One external display with up to 6K resolution at 60Hz

One external display with up to 6K resolution at 60Hz

Close the MacBook Air lid to use a second external display with up to 5K resolution at 60Hz

Close the MacBook Air lid to use a second external display with up to 5K resolution at 60Hz

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

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

HDR with Dolby Vision, HDR10 and HLG

HDR with Dolby Vision, HDR10 and HLG

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

Backlit Magic Keyboard with:

78 (US) or 79 (ISO) keys including 12 full-height function keys and 4 arrow keys in an inverted T arrangement

78 (US) or 79 (ISO) keys including 12 full-height function keys and 4 arrow keys in an inverted T arrangement

Force Touch trackpad for precise cursor control and pressure-sensing capabilities; enables Force clicks, accelerators, pressure-sensitive drawing and Multi-Touch gestures

Force Touch trackpad for precise cursor control and pressure-sensing capabilities; enables Force clicks, accelerators, pressure-sensitive drawing and Multi-Touch gestures

1080p FaceTime HD camera

1080p FaceTime HD camera

Advanced image signal processor with computational video

Advanced image signal processor with computational video

Six-speaker sound system with force-cancelling woofers

Six-speaker sound system with force-cancelling woofers

Support for Spatial Audio when playing music or video with Dolby Atmos on built-in speakers

Support for Spatial Audio when playing music or video with Dolby Atmos on built-in speakers

Spatial Audio with dynamic head tracking when using AirPods (3rd generation), AirPods Pro and

AirPods Max

Spatial Audio with dynamic head tracking when using AirPods (3rd generation), AirPods Pro and AirPods Max

Three-mic array with directional beamforming

Three-mic array with directional beamforming

Voice Isolation and Wide Spectrum microphone modes

Voice Isolation and Wide Spectrum microphone modes

Enhanced voice clarity in audio and video calls

Enhanced voice clarity in audio and video calls

3.5mm headphone jack with advanced support for high-impedance headphones

3.5mm headphone jack with advanced support for high-impedance headphones

Line voltage:100V to 240V AC

Line voltage:100V to 240V AC

Operating temperature:10° to 35° C (50° to 95° F)

Operating temperature:10° to 35° C (50° to 95° F)

Storage temperature:-25° to 45° C (-13° to 113° F)

Storage temperature:-25° to 45° C (-13° to 113° F)

Relative humidity:0% to 90% non-condensing

Relative humidity:0% to 90% non-condensing

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

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

Maximum storage altitude:4,500 metres (15,000 feet)

Maximum storage altitude:4,500 metres (15,000 feet)

Maximum shipping altitude:10,500 metres (35,000 feet)

Maximum shipping altitude:10,500 metres (35,000 feet)

Height:1.15 cm (0.45 inches)

Height:1.15 cm (0.45 inches)

Width:34.04 cm (13.40 inches)

Width:34.04 cm (13.40 inches)

Depth:23.76 cm (9.35 inches)

Depth:23.76 cm (9.35 inches)

Weight:1.51 kg (3.3 pounds)⁵

Weight:1.51 kg (3.3 pounds)⁵

macOS is the most advanced desktop operating system in the world. macOS Sequoia helps you be productive and creative in new ways ? with Apple Intelligence, iPhone Mirroring, window tiling, major updates to Safari and more.

[Learn more about latest operating system](#)

Accessibility features help people with disabilities get the most out of their new MacBook Air. With built-in support for vision, hearing, mobility and learning, you can create and do amazing things.

[Learn more about Accessibility](#)

[35W Dual USB-C Port Power Adapter](#)

[35W Dual USB-C Port Power Adapter](#)

[USB-C to MagSafe 3 Cable\(2m\)](#)

[USB-C to MagSafe 3 Cable\(2m\)](#)

[Configure your MacBook Air with these options atapple.com:](#)

[512GB, 1TB or 2TB SSD](#)

[512GB, 1TB or 2TB SSD](#)

[70W USB-C Power Adapter](#)

[70W USB-C Power Adapter](#)

[MacBook Air and the Environment](#)

MacBook Air is designed with the following features to reduce its environmental impact:⁸

[See the 15-inch MacBook Air with M3 chip Product Environmental Report \(PDF\)](#)

[Made with better materials](#)

[Made with 50% recycled content, including:](#)

Made with 50% recycled content, including:

100% recycled aluminium in the enclosure

100% recycled aluminium in the enclosure

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

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

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

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

100% recycled cobalt in the battery⁹ and magnets of the MagSafe connector

100% recycled cobalt in the battery⁹ and magnets of the MagSafe connector

100% recycled copper in the main logic board ? an Apple first

100% recycled copper in the main logic board ? an Apple first

90% recycled steel in the battery tray, keyboard feature plate and trackpad beam plate

90% recycled steel in the battery tray, keyboard feature plate and trackpad beam plate

35% or more recycled plastic in multiple components

35% or more recycled plastic in multiple components

Mercury-, BFR- and PVC-free

Mercury-, BFR- and PVC-free

No established final assembly supplier sites generate any waste sent to landfill¹²

No established final assembly supplier sites generate any waste sent to landfill¹²

Over 25% of manufacturing electricity sourced from supplier clean energy projects¹³

Over 25% of manufacturing electricity sourced from supplier clean energy projects¹³

100% of virgin wood fibre comes from responsibly managed forests

100% of virgin wood fibre comes from responsibly managed forests

99% fibre-based packaging due to our work to remove plastic from packaging¹⁴

99% fibre-based packaging due to our work to remove plastic from packaging¹⁴

Progress towards our 2030 goal

Reduced emissions for MacBook Air with M3 chip by over 40% against our baseline¹⁵

Reduced emissions for MacBook Air with M3 chip by over 40% against our baseline¹⁵

Apple and the Environment

Today, Apple is carbon neutral for global corporate operations, and we are focused on our Apple 2030 goal to make every product carbon neutral.

Declared noise emission values in accordance with ECMA-109

LWA_{mis} is the mean A-weighted sound power level, rounded to the nearest 0.1 B.

LWA_{mis} is the mean A-weighted sound power level, rounded to the nearest 0.1 B.

LpA_{mis} is the mean A-weighted sound pressure level measured at operator position (rounded to the nearest 1 dB).

LpA_{mis} is the mean A-weighted sound pressure level measured at operator position (rounded to the nearest 1 dB).

1 B (bel) = 10 dB (decibel).

1 B (bel) = 10 dB (decibel).

K_{vis} is the statistical adder for computing upper-limit of A-weighted sound power level.

K_{vis} is the statistical adder for computing upper-limit of A-weighted sound power level.

The quantity, LWA_c (formerly called LWA_d) may be computed from the sum of LWA_{mis} and K_{vis}.

The quantity, LWA_c (formerly called LWA_d) may be computed from the sum of LWA_{mis} and K_{vis}.

The wireless web test browses 6 tabs with a mix of content including media.

The wireless web test browses 6 tabs with a mix of content including media.

Configuration tested: M3, 8-core CPU / 10-core GPU, 8GB unified memory, 512GB storage.

Configuration tested: M3, 8-core CPU / 10-core GPU, 8GB unified memory, 512GB storage.

Screen size is measured diagonally. The displays on the 13-inch and 15-inch MacBook Air have rounded corners at the top. When measured as a standard rectangular shape, the screens are 13.6 inches and 15.3 inches diagonally (actual viewable area is less).

Screen size is measured diagonally. The displays on the 13-inch and 15-inch MacBook Air have

rounded corners at the top. When measured as a standard rectangular shape, the screens are 13.6 inches and 15.3 inches diagonally (actual viewable area is less).

Testing conducted by Apple in January 2024 using pre-production 15-inch MacBook Air systems with Apple M3, 8-core CPU and 10-core GPU, and pre-production 13-inch MacBook Air systems with Apple M3, 8-core CPU and 8-core GPU, all configured with 8GB of RAM and 256GB SSD.

Testing conducted by Apple in May 2022 using pre-production 13-inch MacBook Air systems with Apple M2, 8-core CPU, 8-core GPU, 8GB of RAM and 256GB SSD. The wireless web test measures battery life by wirelessly browsing 25 popular websites with display brightness set to 8 clicks from bottom. The Apple TV app movie playback test measures battery life by playing back HD 1080p content with display brightness set to 8 clicks from bottom. Battery life varies by use and configuration. See apple.com/uk/batteries for more information.

Testing conducted by Apple in January 2024 using pre-production 15-inch MacBook Air systems with Apple M3, 8-core CPU and 10-core GPU, and pre-production 13-inch MacBook Air systems with Apple M3, 8-core CPU and 8-core GPU, all configured with 8GB of RAM and 256GB SSD.

Testing conducted by Apple in May 2022 using pre-production 13-inch MacBook Air systems with Apple M2, 8-core CPU, 8-core GPU, 8GB of RAM and 256GB SSD. The wireless web test measures battery life by wirelessly browsing 25 popular websites with display brightness set to 8 clicks from bottom. The Apple TV app movie playback test measures battery life by playing back HD 1080p content with display brightness set to 8 clicks from bottom. Battery life varies by use and configuration. See apple.com/uk/batteries for more information.

1GB = 1 billion bytes and 1TB = 1 trillion bytes; actual formatted capacity less.

1GB = 1 billion bytes and 1TB = 1 trillion bytes; actual formatted capacity less.

Wi-Fi 6E available in countries and regions where supported.

Wi-Fi 6E available in countries and regions where supported.

Weight varies by configuration and manufacturing process.

Weight varies by configuration and manufacturing process.

Apple Intelligence is available in beta on all Mac models with M1 and later, with Siri and device

language set to English (Australia, Canada, Ireland, New Zealand, South Africa, UK or US), as a macOS Sequoia software 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.

Apple Intelligence is available in beta on all Mac models with M1 and later, with Siri and device language set to English (Australia, Canada, Ireland, New Zealand, South Africa, UK or US), as a macOS Sequoia software 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.

iMovie, GarageBand, Pages, Numbers and Keynote are available on the Mac App Store. Downloading apps requires an Apple Account and a device that is compatible with the OS version required for each app. iPhone Mirroring is not available in all countries and regions. Some iPhone features (e.g., camera and microphone) are not compatible with iPhone Mirroring.

iMovie, GarageBand, Pages, Numbers and Keynote are available on the Mac App Store. Downloading apps requires an Apple Account and a device that is compatible with the OS version required for each app. iPhone Mirroring is not available in all countries and regions. Some iPhone features (e.g., camera and microphone) are not compatible with iPhone Mirroring.

Data accurate as of product launch.

Data accurate as of product launch.

Recycled cobalt in the battery uses mass balance allocation.

Recycled cobalt in the battery uses mass balance allocation.

ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the US Environmental Protection Agency.

ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the US Environmental Protection Agency.

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.

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.

All established final assembly supplier sites – those that have been Apple suppliers for more than one year – for MacBook Air are third-party verified as Zero Waste by UL LLC (UL 2799 Standard). UL requires at least 90 per cent diversion through methods other than waste to energy to achieve Zero Waste to Landfill (Silver 90-94 per cent, Gold 95-99 per cent and Platinum 100 per cent) designations.

All established final assembly supplier sites – those that have been Apple suppliers for more than one year – for MacBook Air are third-party verified as Zero Waste by UL LLC (UL 2799 Standard).

UL requires at least 90 per cent diversion through methods other than waste to energy to achieve Zero Waste to Landfill (Silver 90-94 per cent, Gold 95-99 per cent and Platinum 100 per cent) designations.

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 Programme.

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 Programme.

Breakdown of US retail packaging by weight. Adhesives, inks and coatings are excluded from our calculations of plastic content and packaging weight.

Breakdown of US retail packaging by weight. Adhesives, inks and coatings are excluded from our calculations of plastic content and packaging weight.

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 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.

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 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.

Features are subject to change. Some features, applications and services may not be available in all regions or all languages.

MacBook Air (15-inch, M3, 2024) - Tech Specs