

MacBook Air (13-inch, M3, 2024) - 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

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

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

8-core GPU, 10-core GPU

8-core GPU, 10-core GPU

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

M3 with 8-core CPU and 10-core GPU

M3 with 8-core CPU and 10-core GPU

13.6-inch (diagonal) LED-backlit display with IPS technology; 12560x1664 native resolution at 224 pixels per inch

13.6-inch (diagonal) LED-backlit display with IPS technology; 12560x1664 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

30W USB-C Power Adapter (included with M2 and M3 with 8-core GPU)

30W USB-C Power Adapter (included with M2 and M3 with 8-core GPU)

35W Dual USB-C Port Power Adapter (included with M2 and M3 with 10-core GPU and 512GB storage, configurable with M2 and M3 with 8-core GPU)

35W Dual USB-C Port Power Adapter (included with M2 and M3 with 10-core GPU and 512GB storage, configurable with M2 and M3 with 8-core GPU)

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

MagSafe 3 charging port

MagSafe 3 charging port

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

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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

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1080p FaceTime HD camera

1080p FaceTime HD camera

Advanced image signal processor with computational video

Advanced image signal processor with computational video

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 (M3)

Voice Isolation and Wide Spectrum microphone modes (M3)

Enhanced voice clarity in audio and video calls (M3)

Enhanced voice clarity in audio and video calls (M3)

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)

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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:1.13 cm (0.44 inches)

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Width:30.41 cm (11.97 inches)

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Depth:21.5 cm (8.46 inches)

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Weight:1.24 kg (2.7 pounds)5

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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,6 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

30W USB-C Power Adapter(M2 and M3 with 8-core GPU)or35W Dual USB-C Port Compact Power Adapter(M2 and M3 with 10-core GPU and 512GB storage)

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USB-C to MagSafe 3 Cable(2 m)

USB-C to MagSafe 3 Cable(2 m)

Configure your MacBook Air with these options at apple.com:

M2 with 10-core GPU (M2 model)

M2 with 10-core GPU (M2 model)

M3 with 10-core GPU (M3 model)

M3 with 10-core GPU (M3 model)

16GB or 24GB unified memory

16GB or 24GB unified memory

512GB, 1TB or 2TB SSD

512GB, 1TB or 2TB SSD

35W Dual USB-C Port Power Adapter

35W Dual USB-C Port Power Adapter

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:

See the 13-inch MacBook Air with M3 chip Product Environmental Report (PDF)

See the 13-inch MacBook Air with M2 chip Product Environmental Report (PDF)

Made with better materials

13-inch MacBook Air with M3 chip

Made with 50% recycled content, including:

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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 20% of manufacturing electricity sourced from supplier clean energy projects¹³

Over 20% of manufacturing electricity sourced from supplier clean energy projects¹³

100% of virgin wood fibre comes from responsibly managed forests

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The 13-inch MacBook Air with M3 chip uses 99% fibre-based packaging, and the 13-inch MacBook Air with M2 chip uses 96% fibre-based packaging, due to our work to remove plastic from packaging¹⁴

The 13-inch MacBook Air with M3 chip uses 99% fibre-based packaging, and the 13-inch MacBook Air with M2 chip uses 96% 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

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

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LpA, is the mean A-weighted sound pressure level measured at operator position (rounded to the nearest 1 dB).

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

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K_v is the statistical adder for computing upper-limit of A-weighted sound power level.

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

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

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

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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).

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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.

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

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Weight varies by configuration and manufacturing process.

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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.

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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.

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Data accurate as of product launch.

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Recycled cobalt in the battery uses mass balance allocation.

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

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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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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.

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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.

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

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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.

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

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