

You are invited to take part in a short survey to help us improve your Apple Support online experience. Please select Yes if you would like to participate.

Yes

No

Documentation



MacBook Air (13-inch, M4, 2025) - Tech Specs

Year introduced: 2025

Finish

Sky Blue
Silver
Starlight
Midnight

Chip

Apple M4 chip

10-core CPU with 4 performance cores and 6 efficiency cores
8-core GPU, 10-core GPU
Hardware-accelerated ray tracing
16-core Neural Engine
120GB/s memory bandwidth

Media Engine

Hardware-accelerated H.264, HEVC, ProRes and ProRes RAW
Video decode engine
Video encode engine
ProRes encode and decode engine
AV1 decode

Configurable to:

M4 with 10-core CPU and 10-core GPU

Apple Intelligence¹

Apple Intelligence is the personal intelligence system that helps you write, express yourself and get things done effortlessly. With groundbreaking privacy protections, it gives you peace of mind that no one else can access your data — not even Apple.

[Learn more about Apple Intelligence](#)

Display

Liquid Retina display

13.6-inch (diagonal) LED-backlit display with IPS technology;²
2560x1664 native resolution at 224 pixels per inch
500 nits brightness

Colour

Support for 1 billion colours
Wide colour (P3)
True Tone technology

Memory

16GB unified memory

Configurable to:

24GB or 32GB

Battery and Power³

Up to 18 hours video streaming
Up to 15 hours wireless web
Built-in 53.8-watt-hour lithium-polymer battery
30W USB-C Power Adapter (included with M4 with 8-core GPU)
35W Dual USB-C Port Power Adapter (included with M4 with 10-core GPU; configurable with M4 with 8-core GPU)
USB-C to MagSafe 3 Cable
Fast-charge capable with 70W USB-C Power Adapter

Storage⁴

256GB SSD

Configurable to:

512GB, 1TB or 2TB

Charging and Expansion	MagSafe 3 charging port 3.5mm headphone jack Two Thunderbolt 4 (USB-C) ports with support for: Charging DisplayPort Thunderbolt 4 (up to 40Gb/s) USB 4 (up to 40Gb/s)
Display Support	Simultaneously supports full native resolution on the built-in display at 1 billion colours and: Up to two external displays with up to 6K resolution at 60Hz Thunderbolt 4 digital video output Support for native DisplayPort 1.4 output over USB-C
Video Playback	Supported formats include HEVC, H.264, AV1 and ProRes HDR with Dolby Vision, HDR10+/HDR10 and HLG
Audio Playback	Supported formats include AAC, MP3, Apple Lossless, FLAC, Dolby Digital, Dolby Digital Plus and Dolby Atmos
Keyboard and Trackpad	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 Touch ID Ambient light sensor Force Touch trackpad for precise cursor control and pressure-sensing capabilities; enables Force clicks, accelerators, pressure-sensitive drawing and Multi-Touch gestures
Wireless	Wi-Fi 6E (802.11ax) ⁵ Bluetooth 5.3
Camera	12MP Center Stage camera with support for Desk View 1080p HD video recording Advanced image signal processor with computational video
Audio	Four-speaker sound system Support for Spatial Audio when playing music or video with Dolby Atmos on built-in speakers Spatial Audio with dynamic head tracking when using supported models of AirPods, AirPods Pro and AirPods Max ⁶ Three-mic array with directional beamforming

Voice Isolation and Wide Spectrum microphone modes
Enhanced voice clarity in audio and video calls
3.5mm headphone jack with advanced support for high-impedance headphones

Operating Requirements

Line voltage: 100V to 240V AC
Frequency: 50Hz to 60Hz
Operating temperature: 10° to 35° C (50° to 95° F)
Storage temperature: -25° to 45° C (-13° to 113° F)
Relative humidity: 0% to 90% non-condensing
Operating altitude: tested up to 3,000 metres (10,000 feet)
Maximum storage altitude: 4,500 metres (15,000 feet)
Maximum shipping altitude: 10,500 metres (35,000 feet)

Size and Weight

Height: 1.13 cm (0.44 inches)
Width: 30.41 cm (11.97 inches)
Depth: 21.5 cm (8.46 inches)
Weight: 1.24 kg (2.7 pounds)⁷

Operating System

macOS

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,¹ iPhone Mirroring,⁸ window tiling, major updates to Safari and more.

[Learn more about latest operating system](#)

Accessibility

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](#)

Features include:

Voice Control	Reduce Motion
VoiceOver	Switch Control
Siri and Dictation	Zoom
Increase Contrast	

Built-in Apps⁹

App Store	iPhone Mirroring	Passwords
Books	Keynote	Photo Booth
Calendar	Mail	Photos
Contacts	Maps	Podcasts
FaceTime	Messages	Preview
Find My	Music	QuickTime Player
Freeform	News	Reminders
GarageBand	Notes	Safari
Home	Numbers	Shortcuts
iMovie	Pages	Stocks

In the Box**13-inch MacBook Air**

30W USB-C Power Adapter (M4 with 8-core GPU) or **35W Dual USB-C Port Power Adapter** (M4 with 10-core GPU)

USB-C to MagSafe 3 Cable (2m)

Configure to Order

Configure your MacBook Air at apple.com.

M4 with 10-core CPU and 10-core GPU

24GB or 32GB unified memory

512GB, 1TB or 2TB SSD

35W Dual USB-C Port Power Adapter or

70W USB-C Power Adapter

MacBook Air and the Environment

MacBook Air is designed to reduce environmental impact:¹⁰

[See the MacBook Air Product Environmental Report \(PDF\)](#).

Progress towards Apple 2030

More than 55% recycled content¹¹

Over 30% of manufacturing electricity sourced from low-carbon electricity¹²

Over 45% emissions reduction against business-as-usual scenario as modelled by Apple¹³

[See Apple's commitment](#)

Materials

100% recycled aluminium in the enclosure and trackpad gel plate

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

100% recycled copper in multiple printed circuit boards and the thermal sheet

100% recycled glass in the trackpad glass and 15% recycled glass in the display panel

100% recycled gold wire in all cameras

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

Over 95% recycled lithium in the battery

100% recycled rare earth elements in all magnets

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

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

At least 50% recycled plastic in five components

100% fibre-based packaging¹⁴

50% recycled content in fibre-based packaging

Energy

Over 30% of manufacturing electricity for MacBook Air is sourced from low-carbon electricity

ENERGY STAR® certified¹⁵

Waste

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

Smarter chemistry¹⁶

Arsenic-free glass

Mercury-, BFR- and PVC-free

Declared noise emission values in accordance with ECMA-109

Acoustic Performance

Acoustic Performance

	Sound Power Level $L_{WA,m}$ (B)	Sound Pressure Level Operator Position $L_{pA,m}$ (dB)
Idle	1.3 ($K_v = 0.3$)	3
Wireless web	1.3 ($K_v = 0.3$)	3

1. $L_{WA,m}$ is the mean A-weighted sound power level, rounded to the nearest 0.1 B.
2. $L_{pA,m}$ is the mean A-weighted sound pressure level measured at operator position (rounded to the nearest 1 dB).
3. 1 B (bel) = 10 dB (decibel).
4. K_v is the statistical adder for computing upper-limit of A-weighted sound power level.
5. The quantity, $L_{WA,c}$ (formerly called $L_{WA,d}$) may be computed from the sum of $L_{WA,m}$ and K_v .
6. The wireless web test browses 6 tabs with a mix of content including media.
7. Configuration tested: M4, 10-core CPU / 10-core GPU, 24GB unified memory, 512GB storage.

1. 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 update. Additional features and Chinese (Simplified), English (India, Singapore), French, German, Italian, Japanese, Korean, Portuguese (Brazil) and Spanish language support available in early April, with more languages coming over the course of the year, including Vietnamese. Some features may not be available in all regions or languages.
2. 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).
3. Testing conducted by Apple in January 2025 using pre-production 13-inch MacBook Air systems with Apple M4, 10-core CPU and 8-core GPU, and pre-production 15-inch MacBook Air systems with Apple M4, 10-core CPU and 10-core GPU, all configured with 16GB of RAM and 256GB SSD. Wireless web battery life tested by browsing 25 popular websites while connected to Wi-Fi. Video streaming battery life tested with 1080p content in Safari while connected to Wi-Fi. All systems tested with display brightness set to 8 clicks from bottom and keyboard backlight off. Battery life varies by use and configuration. See apple.com/uk/batteries for more information.
4. 1GB = 1 billion bytes and 1TB = 1 trillion bytes; actual formatted capacity less.
5. Wi-Fi 6E available in countries and regions where supported.
6. See support.apple.com/en-gb/102596 for supported models.
7. Weight varies by configuration and manufacturing process.
8. iPhone Mirroring is not available in all countries and regions. Some iPhone features (e.g. camera and microphone) are not compatible with iPhone Mirroring.
9. 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.
10. Data accurate as of product launch.
11. 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.

12. 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 MacBook Air. 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.
13. 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.
14. 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.
15. ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the US Environmental Protection Agency.
16. 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 MacBook Air (13-inch, M4, 2025) - Tech Specs