# MacBook Air (13-inch, 2017) – Technical Specifications

Languages　English



Display

- Widescreen display
- 13.3-inch (diagonal) LED-backlit glossy widescreen display with support for millions of colors
- Supported resolutions: 1440 by 900 (native), 1280 by 800, 1152 by 720, and 1024 by 640 pixels at 16:10 aspect ratio and 1024 by 768 and 800 by 600 pixels at 4:3 aspect ratio

Finish

- Silver

Processor

- 1.8GHz dual-core Intel Core i5, Turbo Boost up to 2.9GHz, with 3MB shared L3 cache
  Configurable to 2.2GHz dual-core Intel Core i7, Turbo Boost up to 3.2GHz, with 4MB shared L3 cache

Storage[1]

- 128GB
  128GB PCIe-based SSD
  Configurable to 256GB or 512GB SSD
- 256GB
  256GB PCIe-based SSD
  Configurable to 512GB SSD

Memory

- 8GB of 1600MHz LPDDR3 onboard memory

Battery and Power[2]

- Up to 12 hours wireless web
- Up to 12 hours iTunes movie playback
- Up to 30 days of standby time
- Built-in 54-watt-hour lithium-polymer battery
- 45W MagSafe 2 Power Adapter with cable management; MagSafe 2 power port

Size and Weight

- Height: 0.11-0.68 inch (0.3-1.7 cm)
- Width: 12.8 inches (32.5 cm)
- Depth: 8.94 inches (22.7 cm)
- Weight: 2.96 pounds (1.35 kg)[3]

Graphics

- Intel HD Graphics 6000

Video Support
Simultaneously supports full native resolution on the built-in display and up to 3840-by-2160 resolution at 60Hz on an external display, both at millions of colors

- Thunderbolt digital video output
- Native Mini DisplayPort output
- VGA, HDMI, DVI, and dual-link DVI output using adapters (sold separately)

Camera

- 720p FaceTime HD camera

Charging and Expansion

- Two USB 3 ports (up to 5 Gbps)
- Thunderbolt 2 port (up to 20 Gbps)
- MagSafe 2 power port
- SDXC card slot

Wireless

- Wi-Fi
  802.11ac Wi-Fi wireless networking; IEEE 802.11a/b/g/n compatible
- Bluetooth
  Bluetooth 4.0 wireless technology

Audio

- Stereo speakers
- Dual microphones
- 3.5 mm headphone jack

Keyboard and Trackpad
Full-size backlit keyboard with:

- 78 (U.S.) or 79 (ISO) keys, including 12 function keys and 4 arrow keys (inverted "T" arrangement)
- Ambient light sensor
- Multi-Touch trackpad for precise cursor control; supports inertial scrolling, pinch, rotate, swipe, three-finger swipe, four-finger swipe, tap, double-tap, and drag capabilities

Electrical and Operating Requirements

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

Operating System
macOS
macOS is the operating system that powers everything you do on a Mac. macOS Mojave brings new features inspired by its most powerful users but designed for everyone. So you can get more out of every click.
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, physical and motor skills, and learning and literacy, you can create and do amazing things. Learn more about Accessibility

Features include:

- VoiceOver
- Zoom
- Increase Contrast
- Reduce Motion
- Siri and Dictation
- Switch Control
- Closed Captions
- Text to Speech

Built-in Apps [4]

- Photos
- iMovie
- GarageBand
- Pages
- Numbers
- Keynote
- Siri
- Safari
- Mail
- FaceTime
- Messages
- Maps
- News
- Stocks
- Home
- Voice Memos

- Notes
- Calendar
- Contacts
- Reminders
- Photo Booth
- Preview
- iTunes
- Books
- App Store
- Time Machine

In the Box

- MacBook Air
- Power adapter
- AC wall plug
- Power cord

Configure to Order
Configure your MacBook Air to order with these options, only at apple.com:

- 2.2GHz dual-core Intel Core i7, Turbo Boost up to 3.2GHz, with 4MB L3 cache
- 256GB or 512GB SSD

MacBook Air and the Environment
Apple takes a complete product life cycle approach to determining our environmental impact. Learn more about MacBook Air and the Environment

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

- Mercury-free display
- Arsenic-free display glass
- BFR-free
- PVC-free[5]
- Beryllium-free
- Highly recyclable aluminum enclosure
- Meets ENERGY STAR requirements
- Rated EPEAT Gold[6]

Apple and the Environment
Read our Product Environmental Reports for detailed information on the environmental performance of every Apple product.

Acoustic Performance
Declared noise emission values in accordance with ECMA-109

|  | Sound Power Level $L_{W A,m}$ (B) | Sound Pressure Level Operator Position $L_{p A,m}$ (dB) |
|---|---|---|
| Idle | 1.3 ($K_v$ = 0.3) | 4 |
| Wireless web | 1.3 ($K_v$ = 0.3) | 4 |

1. $L_{W A,m}$ is the mean A-weighted sound power level, rounded to the nearest 0.1 B.
2. $L_{p A,m}$ is the mean A-weighted sound pressure level measured at the 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, $L_{W A,c}$ (formerly called $L_{W Ad}$) may be computed from the sum of $L_{W A,m}$ and $K_v$.
6. The Wireless web test browses 25 popular websites.
7. Configuration tested: 1.8GHz dual-core Intel Core i5 processor, 8GB memory, 256GB storage, Intel HD Graphics 6000.

Accessories
Mac Software

- Final Cut Pro X
- Logic Pro X

Adapters

- Apple Mini DisplayPort to DVI Adapter
- Apple Mini DisplayPort to VGA Adapter

- MagSafe to MagSafe 2 Converter

Other Accessories

- Apple USB SuperDrive
- Thunderbolt to Gigabit Ethernet Adapter
- Thunderbolt to FireWire Adapter
- 45W MagSafe 2 Power Adapter
- AppleCare+ for Mac

1. 1GB = 1 billion bytes and 1TB = 1 trillion bytes; actual formatted capacity less.
2. Testing conducted by Apple in October 2018 using preproduction 1.6GHz dual-core Intel Core i5-based MacBook Air systems with 8GB of RAM and 256GB SSD. Testing conducted by Apple in May 2017 using preproduction 1.8GHz dual-core Intel Core i5-based 13-inch MacBook Air systems with 8GB of RAM and 256GB SSD. The wireless web test measures battery life by wirelessly browsing 25 popular websites with display brightness set to 12 clicks from bottom or 75%. The iTunes movie playback test measures battery life by playing back HD 1080p content with display brightness set to 12 clicks from bottom or 75%. The standby test measures battery life by allowing a system, connected to a wireless network and signed in to an iCloud account, to enter standby mode with Safari and Mail applications launched and all system settings left at default. Battery life varies by use and configuration. See www.apple.com/batteries for more information.
3. Weight varies by configuration and manufacturing process.
4. iMovie, GarageBand, Pages, Numbers, and Keynote are available on the Mac App Store. Downloading apps requires an Apple ID and a device that is compatible with the OS version required for each app.
5. PVC-free AC power cord available in all regions except India and South Korea.
6. MacBook Air achieved a Gold rating from EPEAT in the U.S. and Canada.

Published Date: Jun 7, 2021

Support