

MacBook Air (Retina, 13-inch, 2019) – Technical Specifications



Finish

- Gold
- Space Gray
- Silver

Display

- Retina display
- 13.3-inch (diagonal) LED-backlit display with IPS technology; 2560-by-1600 native resolution at 227 pixels per inch with support for millions of colors
- Supported scaled resolutions:
 - 1680 by 1050
 - 1440 by 900
 - 1024 by 640
- 16:10 aspect ratio
- True Tone technology

Touch ID

- Integrated Touch ID sensor

Processor

1.6GHz dual-core Intel Core i5, Turbo Boost up to 3.6GHz, with 4MB L3 cache

Storage

- 128GB PCIe-based SSD
Configurable to 256GB, 512GB, or 1TB SSD

Memory

- 8GB of 2133MHz LPDDR3 onboard memory
Configurable to 16GB of memory

Battery and Power

- Up to 12 hours wireless web
- Up to 13 hours iTunes movie playback
- Up to 30 days of standby time
- Built-in 49.9-watt-hour lithium-polymer battery
- 30W USB-C Power Adapter; USB-C power port

Size and Weight

- Height: 0.16–0.61 inch (0.41–1.56 cm)
- Width: 11.97 inches (30.41 cm)
- Depth: 8.36 inches (21.24 cm) Weight:
- 2.75 pounds (1.25 kg)

Graphics

- Intel UHD Graphics 617
- Support for Thunderbolt 3-enabled external graphics processors (eGPUs)

Video Support

Simultaneously supports full native resolution on the built-in display at millions of colors and:

- One external display with 5120-by-2880 resolution at up to 60Hz
- Up to two external displays with 4096-by-2304 resolution at up to 60Hz

Thunderbolt 3 digital video output

- Native DisplayPort output over USB-C
- VGA, HDMI, and Thunderbolt 2 output using adapters (sold separately)

Camera

- 720p FaceTime HD camera

Charging and Expansion

Two Thunderbolt 3 (USB-C) ports with support for:

- Charging
- DisplayPort
- Thunderbolt (up to 40 Gb/s)
- USB-C 3.1 Gen 2 (up to 10 Gb/s)

Wireless

- 802.11ac Wi-Fi wireless networking; IEEE 802.11a/b/g/n compatible
- Bluetooth 4.2 wireless technology

Audio

- Stereo speakers
- Three microphones
- 3.5 mm headphone jack

Keyboard and Trackpad

- Full-size keyboard with:
 - 78 (U.S.) or 79 (ISO) individual LED-backlit keys, including 12 function keys and 4 arrow keys
 - 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

Electrical and Operating Requirements

- Line voltage: 100 to 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](#)

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 literacy, you can create and do amazing things.

Features include:

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

Built-in Apps

- 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
- 30W USB-C Power Adapter
- USB-C Charge Cable (2 m)

Configure to Order

Configure your MacBook Air with these options:

- 16GB of 2133MHz LPDDR3 memory
- 256GB, 512GB, or 1TB SSD

MacBook Air and the Environment

Apple takes a complete product life cycle approach to determining our environmental impact. Learn more

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

- Mercury-free display
- Arsenic-free display glass
- BFR-free
- PVC-free⁵
- Beryllium-free
- 100% recycled aluminum enclosure⁶
- Meets ENERGY STAR requirements
- Rated EPEAT Gold