



MacBook Neo (13-inch, A18 Pro) - Tech Specs

Year introduced: 2026

Finish

Silver
Blush
Citrus
Indigo

Chip

Apple A18 Pro chip

6-core CPU with 2 performance cores and 4 efficiency cores
5-core GPU
Hardware-accelerated ray tracing
16-core Neural Engine
60GB/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

Memory

8GB unified memory

Storage¹

256GB SSD

512GB SSD

Display

Liquid Retina display

13.0-inch (diagonal) LED-backlit display with IPS technology;² 2408-by-1506 native resolution at 219 pixels per inch

500 nits brightness

Color

Support for 1 billion colors

sRGB color

Battery and Power³

Up to 16 hours video streaming

Up to 11 hours wireless web

Built-in 36.5-watt-hour lithium-ion battery

20W USB-C Power Adapter

USB-C Charge Cable (1.5 m)

Charging and Expansion

One USB 3 (USB-C) port with support for:

Charging

DisplayPort

USB 3 (up to 10Gb/s)

One USB 2 (USB-C) port with support for:

Charging

USB 2 (up to 480Mb/s)

3.5 mm headphone jack

External Display Support

Supports one external display with up to a native resolution of 4K at 60Hz⁴

Simultaneously supports the built-in display at full native resolution

USB 3 (USB-C) port supports native DisplayPort 1.4 speeds (up to HBR3)

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

Magic Keyboard

78 (ANSI) or 79 (ISO) keys including 12 full-height function keys
Multi-Touch trackpad for precise cursor control and support for gestures

Magic Keyboard with Touch ID

78 (ANSI) or 79 (ISO) keys including 12 full-height function keys
Touch ID
Multi-Touch trackpad for precise cursor control and support for gestures

Wireless

Wi-Fi 6E (802.11ax)⁵
Bluetooth 6

Camera

1080p FaceTime HD camera
1080p HD video recording
Advanced image signal processor with computational video

Audio

Dual-speaker sound system
Support for Spatial Audio when playing music or video with Dolby Atmos on built-in speakers
Dual-mic array with directional beamforming
Voice Isolation and Wide Spectrum microphone modes for enhanced voice clarity in audio and video calls
3.5 mm headphone jack

Operating Requirements

Line voltage: 100V 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

Size and Weight

Height: 0.50 inch (1.27 cm)
Width: 11.71 inches (29.75 cm)
Depth: 8.12 inches (20.64 cm)
Weight: 2.7 pounds (1.23 kg)⁶

Operating System

macOS

macOS is the world's most advanced desktop operating system. It includes easy-to-use and powerful features that help you be more productive and creative, Apple Intelligence, and seamless ways to use iPhone with Mac.

Apple Intelligence⁷

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](#)

Accessibility

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

[Learn more about Accessibility](#)

Features include:

VoiceOver
Zoom
Motion, display, and text settings
Accessibility Reader
Voice Control
Switch Control
Closed Captions
Live Captions
Personal Voice and Live Speech

Built-in Apps⁸

App Store
Books
Calendar
Contacts
FaceTime
Find My
Freeform
Games
GarageBand
Home
iMovie
iPhone Mirroring
Journal
Keynote
Mail
Maps
Messages
Music
News
Notes
Numbers
Pages
Passwords
Phone
Photo Booth

Photos
Podcasts
Preview
QuickTime Player
Reminders
Safari
Shortcuts
Stocks
Time Machine
Tips
TV
Voice Memos
Weather

In the Box

MacBook Neo

20W USB-C Power Adapter

USB-C Charge Cable (1.5 m)

MacBook Neo and the Environment

Environmental impact

MacBook Neo is designed to reduce environmental impact:⁹

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

Progress toward Apple 2030

Apple 2030 is our commitment to be carbon neutral for our entire carbon footprint. Our plan to decarbonize products is rigorous and focuses on transitioning to low-carbon electricity, designing with recycled and low-carbon materials, and prioritizing lower-carbon ways of shipping products, like ocean freight.

[See Apple's commitment](#)

Materials

MacBook Neo is made with 60% recycled content,¹⁰ including:

90% recycled aluminum

100% recycled cobalt and 95% recycled lithium in the battery

100% recycled rare earth elements in all magnets

100% recycled gold plating and tin solder in all Apple-designed printed circuit boards

100% recycled copper in multiple printed circuit boards

80% recycled steel in the battery tray, keyboard link bars, and speaker

Energy

45% of manufacturing electricity for MacBook Neo is sourced from renewable electricity¹¹

ENERGY STAR® certified¹²

Packaging

100% fiber-based packaging¹³

Waste

No established final assembly sites generate waste sent to landfill as part of Apple's Zero Waste Program¹⁴

Smarter chemistry¹⁵

All of the materials used in Apple products, accessories, and packaging are covered by the requirements of our [Regulated Substances Specification](#), which was one of the first in industry to restrict the use of key substances of concern. See the latest [Environmental Progress Report](#) to understand Apple's recent efforts in phasing out these chemistries.

Acoustic Performance

Declared noise emission values in accordance with ECMA-109

Acoustic Performance

	Sound Power Level $L_{WA,m}$ (B)	Sound Pressure Level Operator Position $L_{pA,m}$ (dB)
Idle	1.2 ($K_v = 0.3$)	3
Wireless web	1.3 ($K_v = 0.3$)	4

- $L_{WA,m}$ is the mean A-weighted sound power level, rounded to the nearest 0.1 B.
- $L_{pA,m}$ is the mean A-weighted sound pressure level measured at operator position (rounded to the nearest 1 dB).
- 1 B (bel) = 10 dB (decibel).
- K_v is the statistical adder for computing upper-limit of A-weighted sound power level.
- The quantity, $L_{WA,c}$ (formerly called $L_{WA,d}$) may be computed from the sum of $L_{WA,m}$ and K_v .
- The wireless web test browses 6 tabs with a mix of content including media.
- Configuration tested: A18 Pro, 6-core CPU, 5-core GPU, 8GB unified memory, 512GB storage.
 - 1GB = 1 billion bytes; actual formatted capacity less.
 - Screen size is measured diagonally. The display has rounded corners at the top. When measured as a standard rectangular shape, the screen is 13.0 inches diagonally (actual viewable area is less).
 - Testing conducted by Apple in January 2026 using preproduction MacBook Neo systems with Apple A18 Pro, 6-core CPU, 5-core GPU, 8GB of unified memory, 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. Battery life varies by use and configuration. See apple.com/batteries for more information.
 - Enabling scaled resolution higher than the native resolution of the external display may affect availability of some refresh rate or HDR modes in display preferences.
 - Wi-Fi 6E available in countries and regions where supported.
 - Weight varies by configuration and manufacturing process.
 - Apple Intelligence is available in beta. Some features may not be available in all regions or languages. For feature and language availability and system requirements, see support.apple.com/121115.
 - 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.
 - Data accurate as of product launch.
- 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.
- 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. Included in this number is only low-carbon electricity that Apple or its suppliers have procured as part of Apple's Supplier Clean Energy Program.
- ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.
- Breakdown of U.S. retail packaging by weight. Adhesives, inks, and coatings are excluded from our calculations.
- All established final assembly supplier sites — those that have been Apple suppliers for more than one year — for MacBook Neo are third-party verified as Zero Waste by UL LLC (UL 2799 Standard). UL requires at least 90% diversion through methods other than waste to energy to achieve Zero Waste to Landfill (Silver 90–94%, Gold 95–99%, and Platinum 100%) designations.
- 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 cords in India, Thailand (for two-prong AC power cords), and South 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

