Product Environmental Report

iPad Pro 12.9-inch (6th generation)

Date introduced
October 18, 2022

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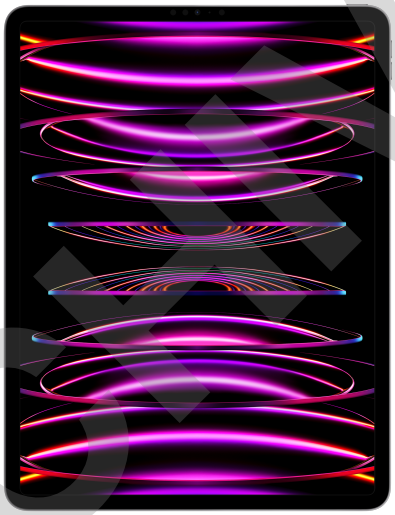
Made with better materials

100%
recycled aluminum in the enclosure

99%
recycled rare earth elements



Tackling climate change

100%
We're committed to transitioning our entire manufacturing supply chain to 100 percent renewable electricity by 2030.

Energy efficient

57%
less energy consumed than the ENERGY STAR® energy efficiency requirement

Smarter chemistry[1]

- Arsenic-free display glass
- Mercury-free
- Brominated flame retardant–free
- PVC-free
- Beryllium-free

Responsible packaging

100%
of the wood fiber comes from recycled and responsible sources

99%
of the packaging is fiber-based, due to our work to eliminate plastic in packaging

Apple Trade In

Return your device through Apple Trade In, and we'll give it a new life or recycle it for free.

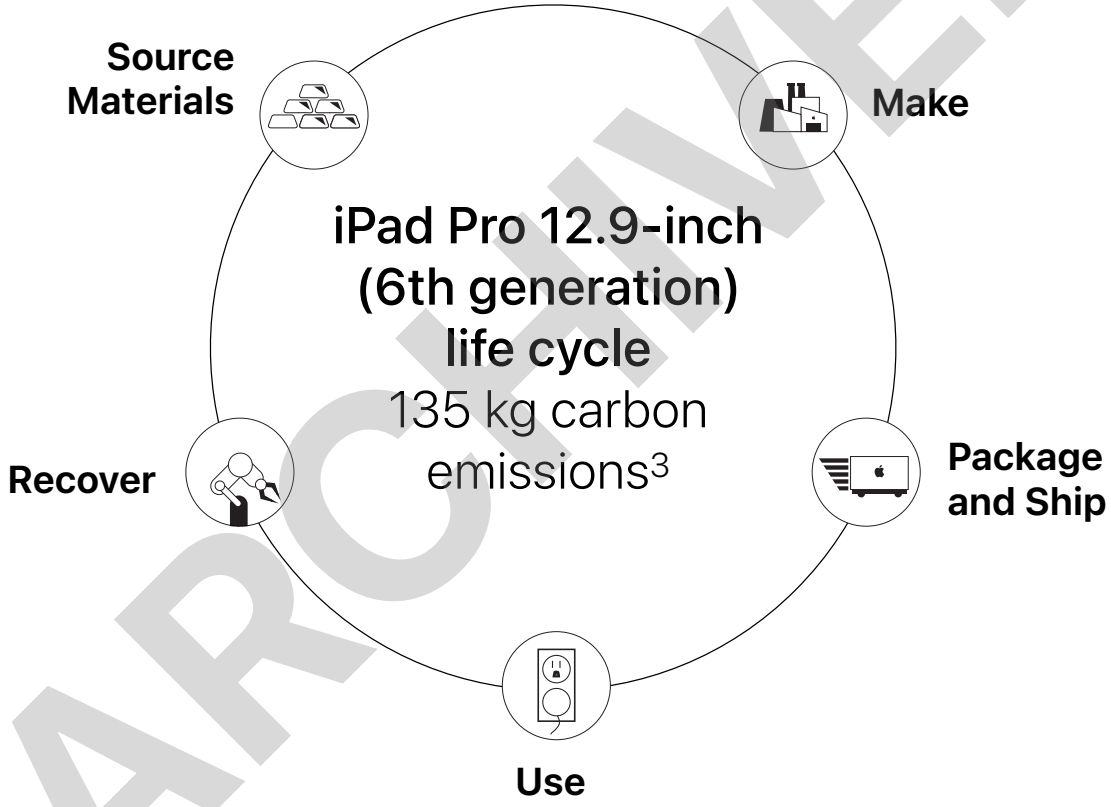
Now with recycled gold—a first for iPad Pro

This report includes data current as of product launch. Product evaluations are based on U.S. configuration of iPad Pro 12.9-inch (6th generation).

Taking responsibility for our products at every stage

We take responsibility for our products throughout their life cycles—including the materials they are made of, the people who assemble them, and how they are recycled at end of life. And we focus on the areas where we can make the biggest difference for our planet: reducing our impact on climate change, conserving important resources, and using safer materials.

We sell millions of products. So making even small adjustments can have a meaningful impact.



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Carbon footprint

We continue to make progress in addressing Apple's carbon emissions—by focusing on making energy-efficient products with renewable or recycled materials and with renewable energy. With increased production yield, more efficient manufacturing of memory chips, and suppliers' continued use of clean energy to make iPad Pro 12.9-inch (6th generation), we've been able to maintain the same carbon footprint as the previous generation.[4] Apple is committed to using carbon life cycle assessments to identify opportunities to drive down product greenhouse gas emissions.

iPad Pro 12.9-inch (6th generation) life cycle carbon emissions[5]

85%	Production
5%	Transport
10%	Use
<1%	End-of-life processing

Source Materials

iPad Pro 12.9-inch (6th generation) contains recycled aluminum, gold, plastic, rare earth elements, and tin.

To conserve important resources, we work to reduce the material we use and aim to one day source only recycled or renewable materials in our products. And as we make this transition, we remain committed to the responsible sourcing of primary materials. We map many materials, some to the mineral source, and establish the strictest standards for smelters and refiners. Apple also requires 100 percent of identified tin, tantalum, tungsten, gold, cobalt, and lithium smelters and refiners to participate in third-party audits.[6] We're proud to be recognized as a worldwide leader in the responsible sourcing of minerals in our products. Our product designs also consider the safety of those who make, use, and recycle our products, restricting the use of hundreds of harmful substances. Our standards go beyond what's required by law to protect people and the environment.

Aluminum

We use 100 percent recycled aluminum in the enclosure of iPad Pro 12.9-inch (6th generation).

Rare earth elements

All magnets contain 100 percent recycled rare earth elements, representing over 99 percent of the total rare earth elements in iPad Pro 12.9-inch (6th generation).

Tin

The solder of multiple printed circuit boards contains 100 percent recycled tin.

Plastic

We're transitioning from fossil fuel–based plastics to those made from renewable or recycled sources. For iPad Pro 12.9-inch (6th generation), 10 components contain 35 percent or more recycled plastic.

Gold

Apple is pioneering industry-leading levels of traceability in recycled materials to build a gold supply chain of exclusively recycled content. We're now using 100 percent recycled gold in the plating of multiple printed circuit boards.

Smarter chemistry

iPad Pro 12.9-inch (6th generation) is free of harmful substances like beryllium, brominated flame retardants, PVC, phthalates, arsenic in the display glass, and mercury.[1] And 100 percent of the materials in iPad Pro 12.9-inch (6th generation) are covered by our Regulated Substances Specification. We go beyond what's required by aiming to understand the non-regulated substances in every part of every product—an effort that requires an industry-leading level of transparency through the entire supply chain. We consistently identify the makeup of over 75 percent by mass of iPad devices.

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Make

The Apple Supplier Code of Conduct sets strict standards for the protection of people in our supply chain and the planet that we all share. Every year, we assess our suppliers' performance in upholding the standards required by our Code.

We work closely with our suppliers to provide safe and healthy workplaces where people are treated with dignity and respect, and to reduce suppliers' environmental impact. Our requirements apply across our supply chain and include the responsible sourcing of materials. From the strong foundation set by our Code, we go further—from helping suppliers transition to renewable energy, to providing educational opportunities for their employees, to supporting final assembly suppliers in reducing waste.

Greener chemicals

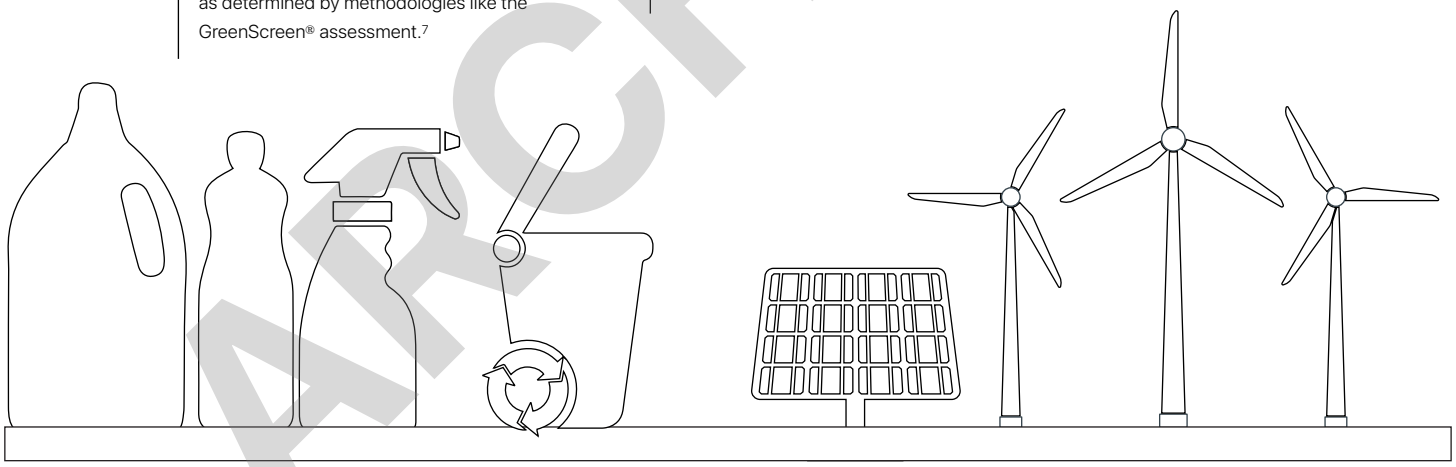
All established iPad Pro 12.9-inch (6th generation) final assembly supplier sites use safer cleaners and degreasers in their manufacturing processes, as determined by methodologies like the GreenScreen® assessment.[7]

Zero Waste to Landfill

No established iPad Pro 12.9-inch (6th generation) final assembly supplier sites generate any waste sent to landfill.[8]

Supplier energy use

All iPad Pro 12.9-inch (6th generation) final assembly supplier sites are transitioning to 100 percent renewable energy for Apple production.



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Package and Ship

iPad Pro 12.9-inch (6th generation) packaging does not use outer plastic wrap.[9] This brings us one step closer to our goal of completely removing plastic from all our packaging by 2025.

To improve our packaging, we are working to eliminate plastics, increase recycled content, and use less packaging overall. All of the wood fiber in our packaging is either recycled or comes from responsibly managed forests.[10] And we have protected or created enough responsibly managed forests to cover all the virgin wood fiber we use in our packaging.[11] This ensures working forests are able to regrow and continue to clean our air and purify our water.

99%

of the packaging[12] is fiber-based, due to our work to eliminate plastic in packaging

29%

recycled content in fiber packaging

100%

of the virgin wood fiber in the packaging comes from responsibly managed forests[10]

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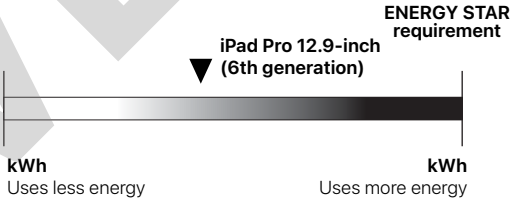
Use

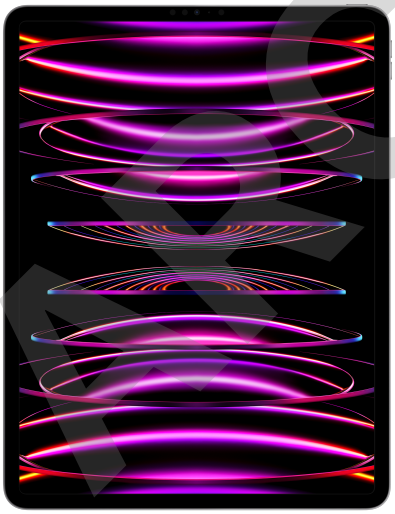
iPad Pro 12.9-inch (6th generation) uses 57 percent less energy than the requirement for ENERGY STAR.[13]

We design our products to be energy efficient, long-lasting, and safe. iPad Pro 12.9-inch (6th generation) uses software and power-efficient components that intelligently manage power consumption. We also run our own Reliability and Environmental Testing Labs, where our products go through rigorous testing before they leave our doors. Our support continues throughout each product's life cycle, with regular software updates to keep devices current and a network of authorized repair professionals to service them, if necessary.

Energy consumption of ENERGY STAR–rated products

Apple devices consistently rank among the high-performing products rated by ENERGY STAR, which sets specifications that typically reflect the 25 percent most energy-efficient devices on the market. iPad Pro 12.9-inch (6th generation) consumes 57 percent less energy than the requirement for ENERGY STAR.[13]





Designed to last

iPad Pro 12.9-inch (6th generation) features a durable unibody construction and has undergone rigorous testing for durability.

Made with smarter chemistry

We apply rigorous controls for materials users touch—all based on recommendations from toxicologists and dermatologists.

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