



Product Environmental Report

Apple TV 4K (3rd generation) with Siri Remote

Direct product
October 18, 2022

Made with better materials

80%

recycled aluminum
in Apple TV 4K
(3rd generation)
trim module

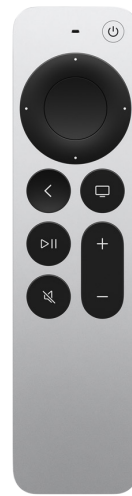
100%

recycled tin in the
board of multi-layer printed
circuit board

Energy efficient

79%

Energy consumption
tested to ENERGY STAR® energy
efficiency requirements



Tackling climate change

100%

We're committed to transitioning our entire
manufacturing supply chain to 100% carbon
neutral by 2030.

Smarter chemistry¹

- 100% copper-free
- 100% tin-free in solder
- 100% CFC-free
- 100% lead-free

Responsible packaging

100%

of total wood fiber
comes from recycled
and responsibly
sourced

90%

of total
packaging is
fiber-based and
recycled content
packaging

Apple Trade In

Return your old device to us
and we'll give you a credit
toward a new one.

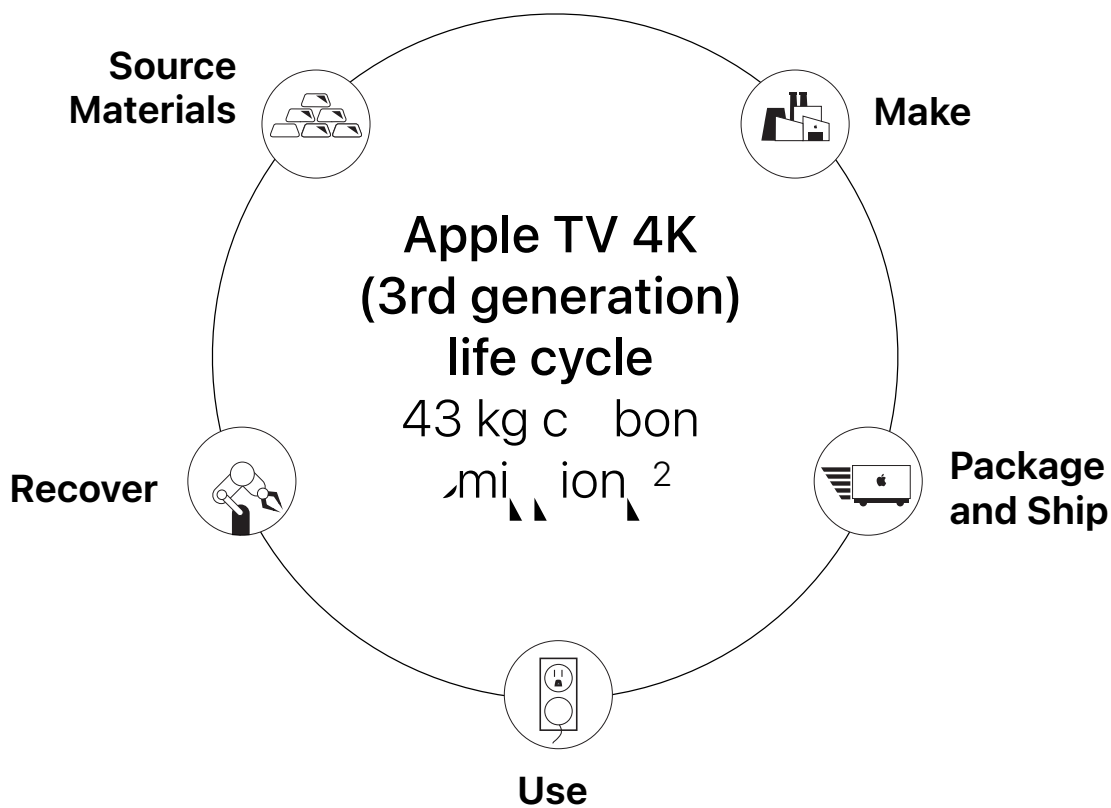
Now with recycled gold—a first for Apple TV 4K



Taking responsibility for our products at every stage

We take responsibility for our products throughout their lifecycle—including the materials we use, the manufacturing process, the packaging, and the end of life. And we focus on the ways we can make the biggest difference for our planet, reducing our impact on climate change, conserving important resources, and using sustainable

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



Carbon footprint

We continue to make progress in reducing our carbon footprint—by focusing on making more efficient products with new, better sourced materials and with new, better packaging. Efficiency gains of 1.5x, ionic substitution, reduced material use, and design for disassembly (no internal fan required) will continue to reduce our material use and reduce our future digital down material use. The Apple TV 4K (3rd generation) has a total carbon footprint of 43 kg carbon equivalent per million units, including 28 kg carbon equivalent from manufacturing and 15 kg carbon equivalent from use. We've reduced the carbon footprint of the Apple TV 4K (3rd generation) by 20% compared with the previous generation.³ We're committed to making carbon-neutral products by 2030.

Apple TV 4K (3rd generation) life cycle carbon emissions

28	Production
15	Use
37	Use
1	End-of-life recycling



Source Materials

Apple TV 4K (3rd generation) with Siri Remote, containing aluminum gold, plastic, and tin.

Apple is committed to reducing our carbon footprint and increasing our use of renewable energy. We are committed to using responsibly sourced materials. We are committed to minimizing our environmental impact throughout the product lifecycle. This includes responsible sourcing, manufacturing, and shipping. We are committed to using responsibly sourced materials. We are committed to minimizing our environmental impact throughout the product lifecycle. This includes responsible sourcing, manufacturing, and shipping.



Aluminum

Apple TV 4K (3rd generation) contains 8 percent recycled aluminum and trace amounts of silicon. Remote contains 1 percent recycled aluminum.



Gold

Apple TV 4K (3rd generation) circuit board contains 1 percent recycled gold.



Plastic

We are transitioning from fossil fuel-based plastic to 100 percent recycled plastic. Apple TV 4K (3rd generation) with Siri Remote, contains plastic components that contain 3 percent recycled content.



Tin

Apple TV 4K (3rd generation) circuit board contains 1 percent recycled tin.



Smarter chemistry

Apple TV 4K (3rd generation) is free of mercury, barium, bismuth, lead, nickel, cadmium, and 1 percent of tantalum. Apple TV 4K (3rd generation) is made with 100 percent recycled copper. [Learn more](#).



Make

Apple's Supplier Code of Conduct, which is a part of our commitment to the protection of our environment, is a key element of our business. We are committed to working with our suppliers to ensure that they are also committed to the same high standards of environmental responsibility.

We work closely with our suppliers to identify and address any environmental issues that may arise. We are committed to working with our suppliers to ensure that they are also committed to the same high standards of environmental responsibility. We are committed to working with our suppliers to ensure that they are also committed to the same high standards of environmental responsibility.

Greener chemicals

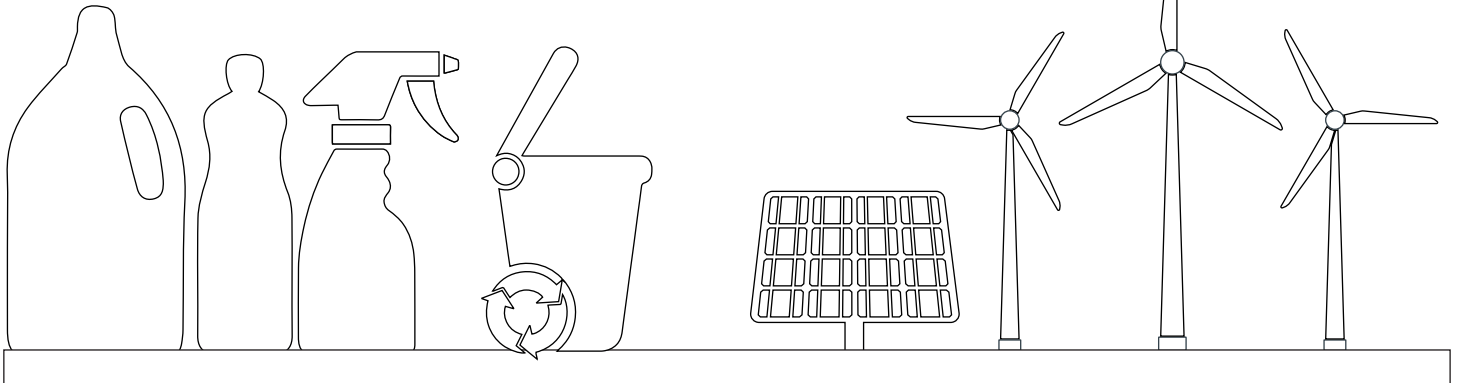
Apple has committed to using 100% green chemicals in its manufacturing processes. This includes the use of bio-based materials and the elimination of hazardous substances. Apple is committed to working with its suppliers to ensure that they are also committed to the same high standards of environmental responsibility.

Zero Waste to Landfill

Apple has committed to achieving zero waste to landfill by 2025. This includes the use of recycled materials and the elimination of hazardous substances. Apple is committed to working with its suppliers to ensure that they are also committed to the same high standards of environmental responsibility.

Supplier energy use

Apple has committed to achieving 100% renewable energy for its manufacturing processes by 2025. This includes the use of renewable energy sources such as wind, solar, and hydro. Apple is committed to working with its suppliers to ensure that they are also committed to the same high standards of environmental responsibility.





Package and Ship

Apple TV 4K (3rd generation) packaging does not use out-of-tire wood fiber binding upon, to our go of com, t, mping tific from our ck ging b 2 2.

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90%

of our packaging¹ is fiber-based due to our work to minimize plastic in packaging

39%

of our content in fiber packaging

100%

of our virgin wood fiber in our packaging comes from responsibly managed forests⁸





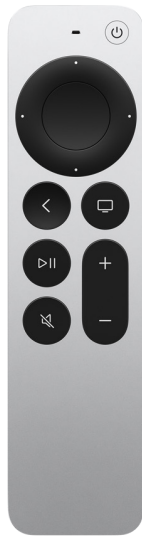
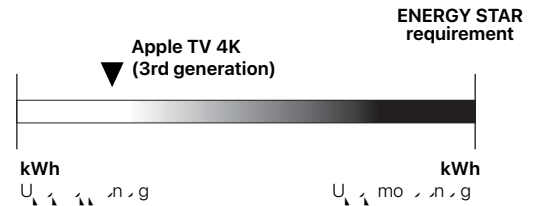
Use

Apple TV 4K (3rd generation) uses a low-power, efficient design to help reduce energy consumption and power requirements for ENERGY STAR.¹¹

When you use your product to be more efficient, you're helping to reduce energy consumption. Apple TV 4K (3rd generation) uses a low-power, efficient design to help reduce energy consumption and power requirements for ENERGY STAR.¹¹ When you use your product to be more efficient, you're helping to reduce energy consumption. Apple TV 4K (3rd generation) uses a low-power, efficient design to help reduce energy consumption and power requirements for ENERGY STAR.¹¹

Energy consumption of ENERGY STAR-rated products

Apple TV 4K (3rd generation) uses a low-power, efficient design to help reduce energy consumption and power requirements for ENERGY STAR.¹¹ When you use your product to be more efficient, you're helping to reduce energy consumption. Apple TV 4K (3rd generation) uses a low-power, efficient design to help reduce energy consumption and power requirements for ENERGY STAR.¹¹



Designed to last

Apple TV 4K (3rd generation) is designed to last. When you use your product to be more efficient, you're helping to reduce energy consumption. Apple TV 4K (3rd generation) uses a low-power, efficient design to help reduce energy consumption and power requirements for ENERGY STAR.¹¹

Made with smarter chemistry

Apple TV 4K (3rd generation) uses a low-power, efficient design to help reduce energy consumption and power requirements for ENERGY STAR.¹¹ When you use your product to be more efficient, you're helping to reduce energy consumption. Apple TV 4K (3rd generation) uses a low-power, efficient design to help reduce energy consumption and power requirements for ENERGY STAR.¹¹



Recover

Return your product with Apple Trade In and we'll credit you for its value.

When your product is due for replacement, you can get credit for its value. We'll credit you for the value of your product when you trade it in. To see if you're eligible, visit [apple.com/trade-in](#). Eligible devices can be traded in for credit toward a new device or a gift card. We'll credit you for the value of your device when you trade it in. ⁹⁹ Credit of trade-in value will be applied to your new device purchase. Subject to our product return policy, we'll credit you for the value of your device when you trade it in.

Apple Trade In

Go to [apple.com/trade-in](#) for more information on how to credit your product and if you qualify.

apple.com/trade-in



Definitions

Bio-based plastics: Bio-based plastics are derived from biological sources that transform biomass into plastic. Bio-based plastics are used to produce plastic on a large scale.

Carbon footprint: The total greenhouse gas emissions, in carbon dioxide equivalents, that are directly and indirectly associated with the production, use, and disposal of a product or service. Carbon footprint is measured in terms of carbon dioxide equivalents (CO₂e) and is expressed in kg CO₂e/kg or t CO₂e/t. Carbon footprint is calculated based on the carbon footprint of the materials used in the product, the energy used in the production process, and the carbon footprint of the disposal of the product. Carbon footprint is calculated based on the carbon footprint of the materials used in the product, the energy used in the production process, and the carbon footprint of the disposal of the product.

Production: The process of manufacturing a product, from the extraction of raw materials to the final assembly of the product.

Transport: The process of moving a product from the production site to the distribution center or to the end user.

Use: The process of using a product, from the initial use to the final disposal of the product.

distributed throughout the world. The global impact of plastic is significant, and it is important to consider the environmental consequences of plastic production and disposal.

End-of-life processing: The process of managing the end-of-life of a product, including recycling, incineration, and landfilling. End-of-life processing is an important part of a product's carbon footprint, and it is important to consider the environmental consequences of end-of-life processing.

Recycled materials: Materials that have been previously used and then recycled into new products. Recycled materials are used in a variety of products, including plastic, paper, and metal. Recycled materials are an important part of a product's carbon footprint, and it is important to consider the environmental consequences of recycled materials.

Renewable materials: Materials that are derived from renewable resources, such as wood, cotton, and bamboo. Renewable materials are used in a variety of products, including paper, plastic, and metal. Renewable materials are an important part of a product's carbon footprint, and it is important to consider the environmental consequences of renewable materials.

Supplier Clean Energy Program: A program that encourages suppliers to use clean energy sources, such as wind, solar, and hydro. The Supplier Clean Energy Program is an important part of a product's carbon footprint, and it is important to consider the environmental consequences of clean energy.

Endnotes

¹ The Regulatory Subtitle Specific Information on the Use of Certain Chemical Substances in Materials in Products, Commission Regulation (EU) 2015/1000, and Commission Regulation (EU) 2015/1001. The Regulatory Subtitle Specific Information on the Use of Certain Chemical Substances in Materials in Products, Commission Regulation (EU) 2015/1000, and Commission Regulation (EU) 2015/1001. The Regulatory Subtitle Specific Information on the Use of Certain Chemical Substances in Materials in Products, Commission Regulation (EU) 2015/1000, and Commission Regulation (EU) 2015/1001.

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Carbon footprint		
	Apple TV 4K (3rd generation) with Siri Remote	Apple TV 4K (2nd generation) with Siri Remote
4G	43 kg CO ₂ e	41 kg CO ₂ e
128G	46 kg CO ₂ e	N/A

