



Product Environmental Report

(Independent Verification)

Developed
in 2022

Made with better materials

100% 100%

Recycled aluminum in enclosure
Recycled rare earth elements in enclosure

Energy efficient

56%

Energy consumption
ENERGY STAR rating
Efficient quiet fan



Tackling climate change

100%

With commitment to reducing our
manufacturing carbon footprint
in 2030.

Smarter chemistry¹

- Nickel die casting
- Copper
- Ominidirectional
- Carbon
- Titanium

Responsible packaging

100% 97%

of wood fiber
compostable
recycled
of packaging
fiber-based
work
recycling

Apple Trade In

Round trip
Trade In program
with carrier for free.

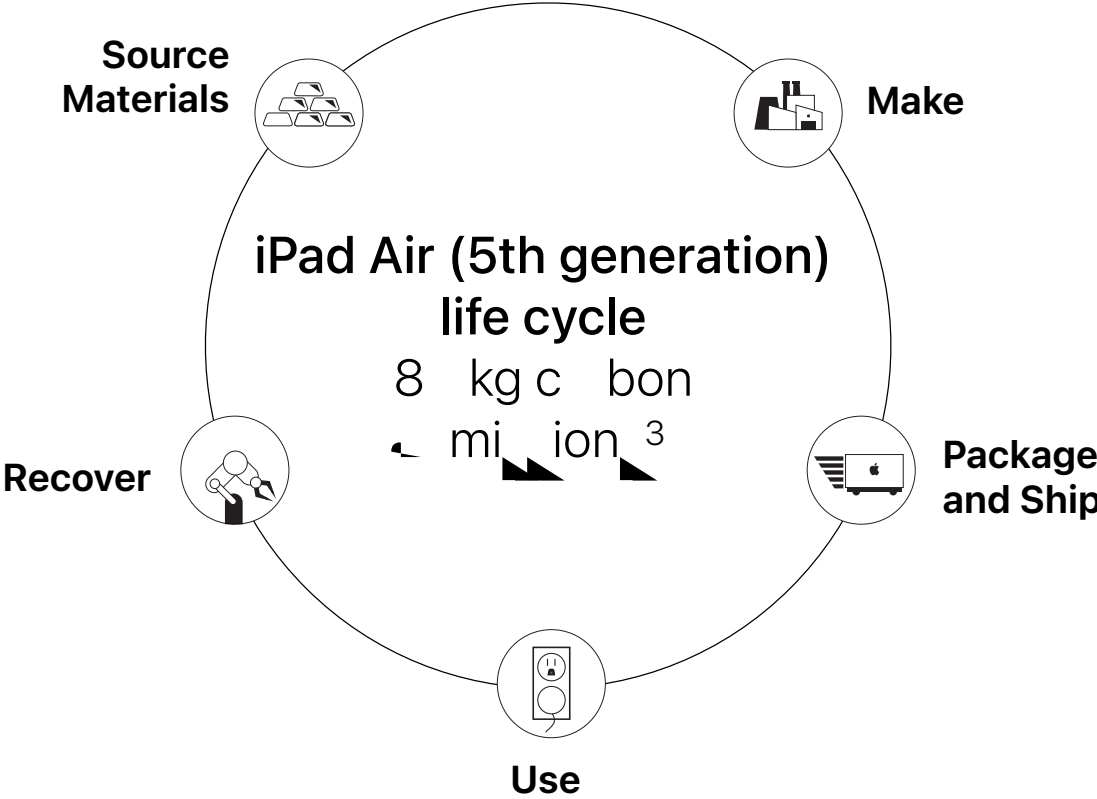
Enclosure made with 100% recycled aluminum



Taking responsibility for our products at every stage

We take responsibility for our products throughout their life cycle—including the materials we use, the way we make them, how we package and ship them, and how we focus on reducing our impact on the environment throughout the entire process.

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



Carbon footprint

We continue to work on reducing our carbon footprint by focusing on making our products more energy efficient, using renewable energy, and reducing our carbon footprint throughout the entire process. We are committed to reducing our carbon footprint and will continue to work on making our products more sustainable.

iPad Air (5th generation) life cycle carbon emissions

- 70% Production
- 7% Distribution
- 14% Use
- 1% End-of-life recycling



Make

Apple's Supplier Code of Conduct is a commitment to the highest standards of ethical behavior in our supply chain and to the well-being of our people. We work with our suppliers to ensure that they are following the Supplier Code of Conduct.

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Greener chemicals

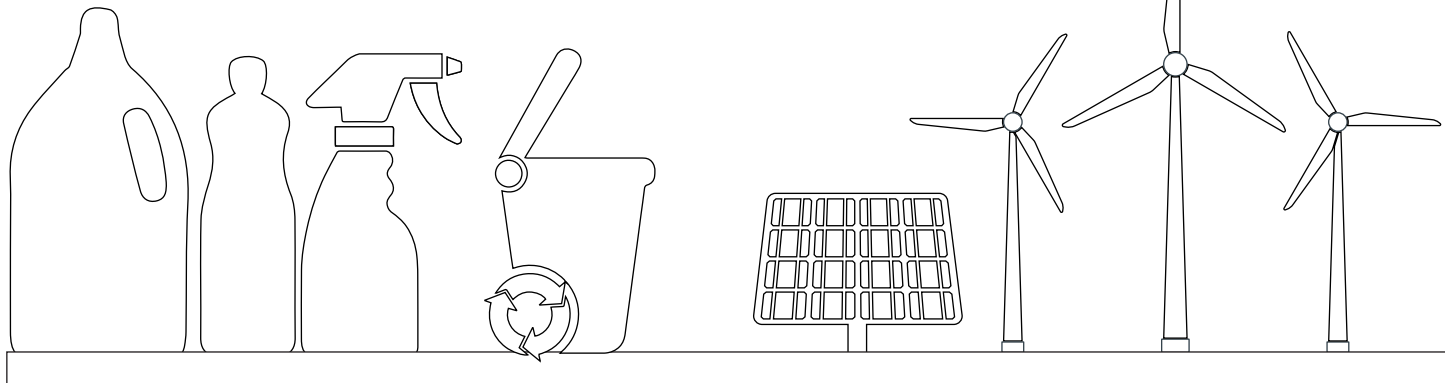
Apple is committed to using safer chemicals in our products. We are working with our suppliers to ensure that they are following the Supplier Code of Conduct. We are working with our suppliers to ensure that they are following the Supplier Code of Conduct.

Zero Waste to Landfill

Apple is committed to achieving zero waste to landfill. We are working with our suppliers to ensure that they are following the Supplier Code of Conduct. We are working with our suppliers to ensure that they are following the Supplier Code of Conduct.

Supplier energy use

Apple is committed to reducing our carbon footprint. We are working with our suppliers to ensure that they are following the Supplier Code of Conduct. We are working with our suppliers to ensure that they are following the Supplier Code of Conduct.





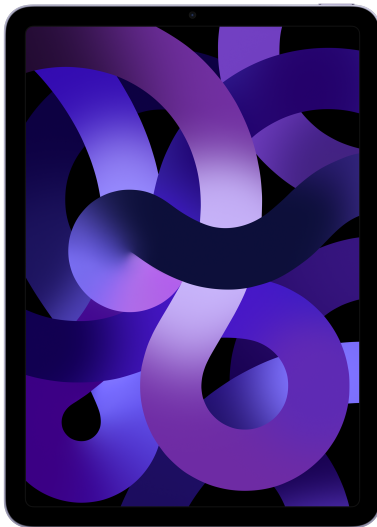
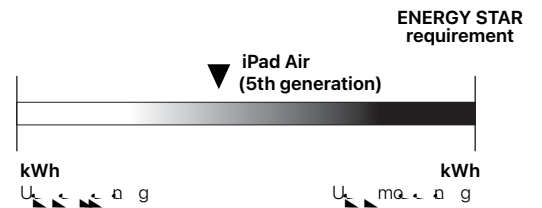
Use

Apple designs and manufactures products that are designed to last. Apple's products are designed to last, and Apple's products are designed to last. Apple's products are designed to last, and Apple's products are designed to last.

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Energy consumption of ENERGY STAR-rated products

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Designed to last

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Made with smarter chemistry

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Recover

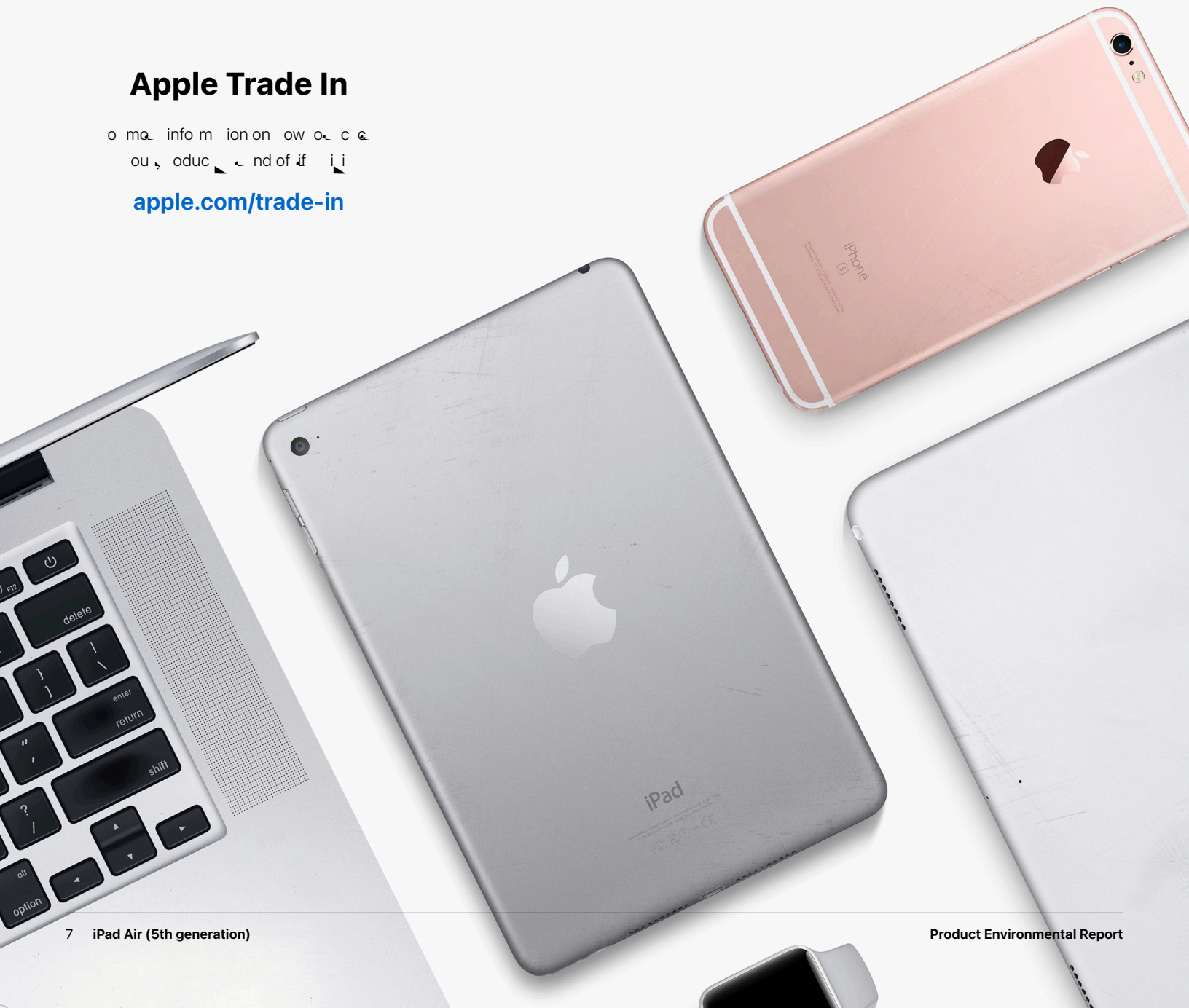
Recovery of products is a key part of the product life cycle. It involves the process of recovering materials and components from products at the end of their useful life.

When a product is no longer useful, it can be recovered in several ways. The most common way is to recycle the materials. This involves breaking down the product into its constituent materials and then reprocessing them into new products. Another way to recover a product is to refurbish it. This involves repairing the product and then selling it as a used item. Finally, some products can be dismantled and their components reused in other products. This is known as remanufacturing.

Apple Trade In

For more information on how to trade in your Apple product, visit apple.com/trade-in.

apple.com/trade-in



Definitions

- Bio-based plastics:** io-b d, ic m d
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Endnotes

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Carbon footprint		
	iPad Air (5th generation)	iPad Air (4th generation)
4G	8 kg C c	88 kg C c
128G	84 kg C c	-
2 4G	22 kg C c	1 2 kg C c

Endnotes

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i d i (A g a ion) i e e d wi fu c g d b e nd s ow e d b e 2 W US -C ow d s e wi e US -C o C g C l e m).

- S e s ow s ow e i e r e d u o m i c e w o m i n u of in c i i d f u) o b s e ing e S e s /W k bu on. Con a e d o Wi- i o e ing w e e f in e i d f u e .
- l d -D i s on D i s big a w e d fia d b ENERGY S R og m R qui r e n fo Com u nd u o- ig a w u a d off. Con a e d o Wi- i o e ing w e e f in e i d f u e .
- ow d s e no- o d Con d i o n i n w i c e 2 W US -C ow d s e wi e US -C o C g C l e m) i con a e d a C s ow bu no con a e d o i d i (A g a ion).
- ow d s e f f i c i n c e g of e 2 W US -C ow d s e wi e US -C C g C l e m) r e u d f f i c i n c w e n e d 1 e c n 7 e c n e c n nd 2 e c n of e s ow d s e e d ou s u c u e n .

Mode	Power consumption for iPad Air (5th generation)		
	100V	115V	230V
S e s	.44W	.44W	.42W
l d -D i s on	3.3W	3.3W	3. W
ow d s e no- o d	. 4W	. 4W	. W
ow d s e f f i c i n c	80.8	87.9	87.8

13 _ d -in u b e d on e condi ion e nd configu ion of ou d -in d ic nd m o b w e n on i a nd in- a d -in. You mu b e 18 e o d. In- a d -in e qui e n ion of id go n r e n i u d s o o l D o c w m e qui ing i i n f o m i o n) ddi ion e m f o m s s e o s s e ' d -in s a m s s .

© 2 22 s s e Inc. ig e e e d s s e e s s e o g o . c e . c o g o i o a i d s s e W c H o r a o d s s e _ i S i d S m c S S nd w c S e d m k o f s s e Inc. e g i e d in e U.S. nd o e coun d i nd e gion i d i (A g a ion) i d m k o f s s e Inc. e S e i e n i c m k o f s s e Inc. e g i e d in e U.S. nd o e coun d i nd e gion . ENERGY S R nd e ENERGY S R m k e e g i e d d m k o w a d b e U.S. En i on r e n e c i o n g n c . e s oduc nd com s n n r e r e n i o a d e e in m b d m k o f e i e e c k com s ai .