amazon Echo Show 5 Smart Display with Alexa and 2 MP Camera Instructions

Contents

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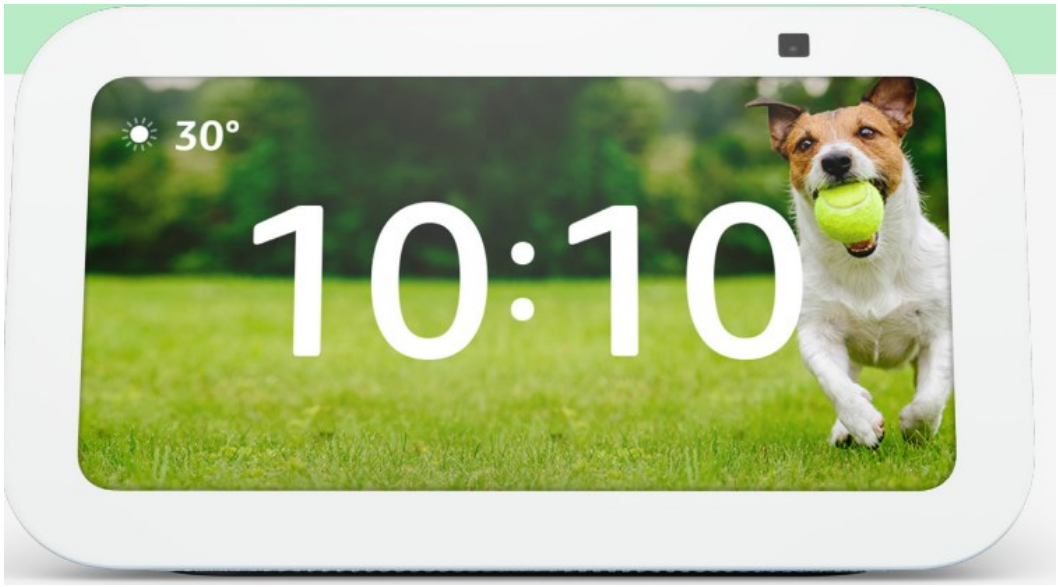
Designed for Sustainability

We’re working to make Amazon devices more sustainable—from how we build them to how customers use and eventually retire them

Materials
Fabric made from 100% post-consumer recycled polyester yarn. Aluminum made from 100% recycled aluminum.

Packaging
100% recyclable (shipping packaging not included)

Energy
Low Power Mode reduces energy consumption when idle, except in certain situations. We also invest in renewable energy equivalent to this device’s electricity usag



This device is a Climate Pledge Friendly product. We partner with trusted third-party certifications and create our own certifications like Compact by Design and Pre-owned Certified to highlight products that meet sustainability standards.

The product carbon footprint of this device has been certified by the Carbon Trust1.

Life Cycle

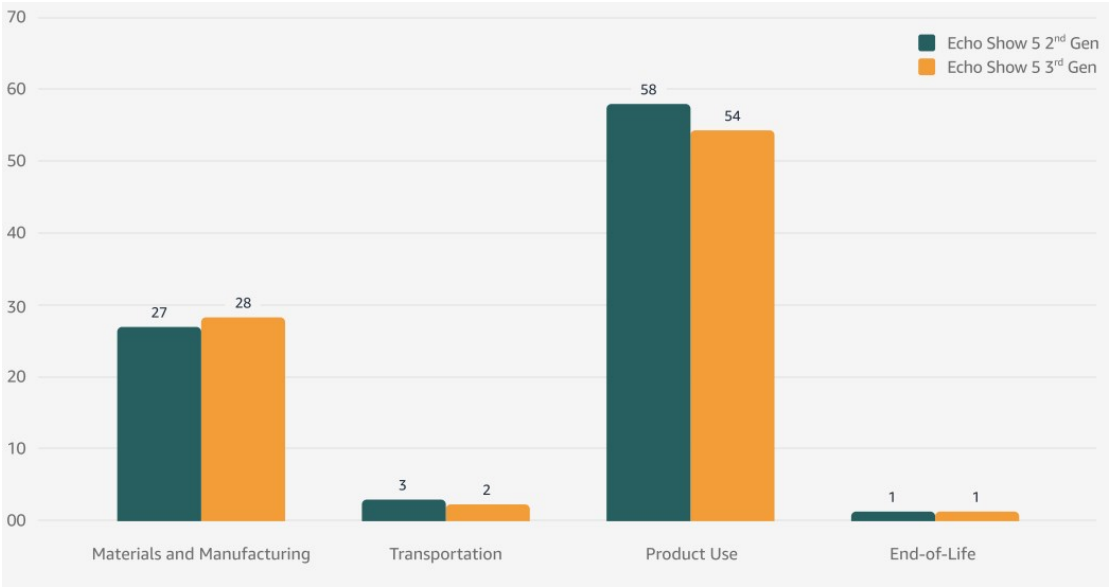
We consider sustainability in every stage of a device's life cycle—from sourcing raw materials to end-of-life.

Echo Show 5 3rd Gen life cycle: 85kg CO2e

Comparison Against Baseline

To assess this device's carbon footprint, we compare its emissions to a baseline device: Echo Show 5 2nd Gen. This helps us track our progress in reducing this device's carbon footprint.

Life Cycle Carbon Emissions (kg CO2e)



This product's biogenic carbon emissions of 0.44kg CO2e are included in the total footprint calculation. The total biogenic carbon content in this product is 0.09kgC

Materials and Manufacturing

We account for the extraction, production, and transportation of raw materials, as well as the manufacturing, transporting, and assembling of all parts.

Recycled Materials

This device is made from 43% recycled materials. The fabric is made from 100% post-consumer recycled polyester yarn. The aluminum is made from 100% recycled aluminum. The plastic of Charcoal and Galaxy colors is made from 57% post-consumer recycled plastic. The plastic of Glacier and Cloud Blue colors is made from 43% post-consumer recycled plastic. We incorporate recycled fabrics, plastics, and metals into many new Amazon devices, giving new life to materials.

Recyclable Packaging

This device has 100% recyclable packaging. 99% of this device's packaging is made of wood fiber-based materials from responsibly managed forests or recycled sources.

Chemical Safety

Through our partnership with ChemFORWARD, we're collaborating with industry peers to proactively identify harmful chemicals and safer alternatives ahead of regulations.

Suppliers

Several of our supplier sites—which provide final assembly for some of our most popular Echo, Kindle, Fire Tablet, and Fire TV devices—have achieved UL Zero Waste to Landfill Silver, Gold, or Platinum certification. This means our suppliers handle waste in environmentally responsible ways, diverting more than 90% of their facility's waste from the landfill through methods other than waste to energy

Transportation

We account for an average inbound and outbound trip that is representative of an average device or accessory. This includes transporting the product from final assembly to the end custome

Amazon Commitment

Delivering for our global customers requires Amazon to rely on a variety of transportation solutions for long and short distances. Decarbonizing our transportation network is a key part of meeting The Climate Pledge by 2040. That’s why we’re actively transforming our fleet network and operations.

Product Use

We determine the expected energy consumption of a device over its lifetime and calculate the carbon emissions associated with the use of our devices.

Low Power Mode

Low Power Mode reduces energy consumption when idle, except in certain situations.

 **Renewable Energy**

In 2020, Amazon became the first consumer electronics company to commit to addressing the electricity used by our devices through renewable energy development, starting with Echo devices. We're making investments in additional wind and solar farm capacity that, by 2025, will be equal to the energy use of Echo, Fire TV, and Ring devices wo

 **Alexa**

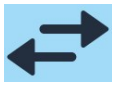
With the Alexa Energy Dashboard, customers can view estimated energy usage for their compatible thermostats and water heaters; plus, they can see a forecast of when cleaner energy is available, so customers can plan ahead for energy-intensive activities like running the dishwasher or dryer. Customers can also manage the energy use of their compatible connected devices using Routines and Hunches. Routines are short cuts for Alexa, saving you time by grouping together a bunch of actions so you don't have to ask for each one individually. For example, you can set the "Alexa, good night" Routine to turn off all your porch lights at once. Hunches is a feature that can help you save energy without even thinking about it. Now, if Alexa has a hunch that you forgot to turn off a light and no one is home or everyone went to bed, Alexa can automatically turn it off for you.

End-of-Life

To model end-of-life emissions, we estimate the ratio of end products that are sent to each disposal pathway including recycling, combustion, and landfill. We also account for any emissions required to transport and/or treat the materials.

 **Durability**

We design our devices with best-in-class reliability models, so they're more resilient and last longer. We also release over-the-air software updates for our customers' devices so they don't need to replace them as often.

 **Trade-in & Recycling**

We make it easy for you to retire your devices. Using Amazon Trade-In, you can trade-in your old devices for a gift card. Your retired devices will then be either refurbished and re-sold, or recycled.

Methodology

Our approach to measuring a product's carbon footprint

To meet The Climate Pledge goal to be net-zero carbon by 2040, we measure and estimate this product's carbon footprint, and identify opportunities to reduce its carbon emissions. Our life cycle assessment (LCA) models align with internationally recognized standards, like the Greenhouse Gas (GHG) Protocol Product Life Cycle Accounting and Reporting Standard2 and International Standards Organization (ISO) 140673. Our methodology and product carbon footprint results are reviewed by the Carbon Trust with reasonable assurance. All carbon footprint numbers are estimates and we continuously improve our methodology as the science and data available to us evolve.

What's in an Amazon device's product carbon footprint?

We calculate this product's carbon footprint throughout its life cycle stages, including materials and manufacturing, transportation, use, and end-of-life. Two carbon footprint metrics are considered: 1) the total carbon emissions across all life cycle stages of one device or accessory (in kilograms of carbon dioxide equivalent, or kg CO2e), and 2) the average carbon emissions per year used of the estimated device lifetime, in kg CO2e/use-year.

Materials and Manufacturing: We calculate the carbon emissions from material and manufacturing based on the list of raw materials and components to manufacture a product, namely the bill of materials. We account for the emissions from the extraction, production, and transportation of raw materials, as well as the manufacturing, transporting, and assembling of all parts. For certain components and materials, we may collect primary data from our suppliers to supplement our industry average data, collected from a mix of commercially and publicly available LCA databases.

Transportation: We estimate the emissions of transporting the product from final assembly to our end customer using actual or best estimated average transportation distances and transportation modes for each device or accessory.

Use: We calculate the emissions associated with the use (i.e., electricity consumption) of this product by multiplying the total electricity consumption over a device's estimated lifetime with the carbon emissions from the generation of 1 kWh electricity (the grid emission factor). The total energy consumption of a device is based on the average customer's power consumption and estimated time spent in various modes of operation like playing music, playing video, idle, and low power mode. A specific customer may have a higher or lower use phase

footprint associated with their device depending on their specific usage patterns. We use country-specific grid emission factors to account for the regional variations in electricity grid mix. Learn more about how Amazon plans to decarbonize and neutralize the use phase of our connected devices by 2040.

End-of-Life: For end-of-life emissions, we account for any emissions required to transport and/or treat the materials destined to each disposal pathway (e.g., recycling, combustion, landfill).

How do we use the product carbon footprint?

The footprint helps us identify carbon reduction opportunities across this product's various life cycle stages. In addition, we use it to communicate our carbon reduction progress over time —this is included in the calculation of Amazon's corporate carbon footprint. Learn more about Amazon corporate carbon footprint methodology

How often do we update a product's carbon footprint?

After we launch a new product, we track and audit the carbon emissions of all life cycle phases of our devices. Product sustainability fact sheets are updated when we discover new information that changes the estimated carbon footprint of a device by more than 5% or if it materially changes our estimated reduction generation over generation. Learn more about our product carbon footprint methodology and limitations in our full methodology document.

Definitions:

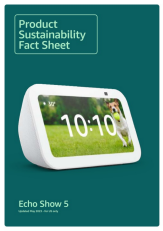
Biogenic carbon emissions: Carbon released as carbon dioxide or methane from combustion or decomposition of biomass or

Life Cycle Assessment: Carbon released as carbon dioxide or methane from combustion or decomposition of biomass or bio-based products. A methodology to assess the environmental impact (e.g., carbon emissions) associated with life cycle stages of a product—from raw material extraction and processing, through production, use, and disposal.

Endnotes

Carbon Trust Certification Number: 2Greenhouse Gas ("GHG") Protocol Product Life Cycle Accounting and Reporting Standard: 3International Standards Organization ("ISO") 14067:2018 Greenhouse gases Carbon footprint of products—Requirements and guidelines for quantification: CERT-13416; LCA data version 25 January 2023 published by Carbon Trust **https://ghgprotocol.org/product-standard** published by the Greenhouse Gas Protocol **https://www.iso.org/standard/71206.html** published by International Standards Organization

Documents / Resources

	amazon Echo Show 5 Smart Display with Alexa and 2 MP Camera [pdf] Instructions 3rd Gen, Echo Show 5 Smart Display with Alexa and 2 MP Camera, Smart Display with Alexa and 2 MP Camera, Display with Alexa and 2 MP Camera, Alexa and 2 MP Camera, 2 MP Camera

References

- Product Standard | GHG Protocol
- ISO 14067:2018 - Greenhouse gases — Carbon footprint of products — Requirements and guidelines for quantification