Product Carbon Footprint Report

ASUS VA24DQFR (Series: VA24DQFRY)

Report produced August, 2024

Esimated carbon footprint

396 Kg CO_2e ± 107 Kg CO_2e

Product Introduction & Assumptions for calculating product carbon footprint:

Product Weight	Screen Size	Product Life
3.65 kg	23 inch	4 years
Assembly Location	**Use Location**	**Use Energy Demand (Year TEC)**
China	Europe	30.81 kWh/year

WHY WE DO

ASUS is committed to continuously improving the environmental performance of the products you purchase. Through product carbon footprint reports (PCF), we show the environmental impact of product lifecycles from design to disposal.

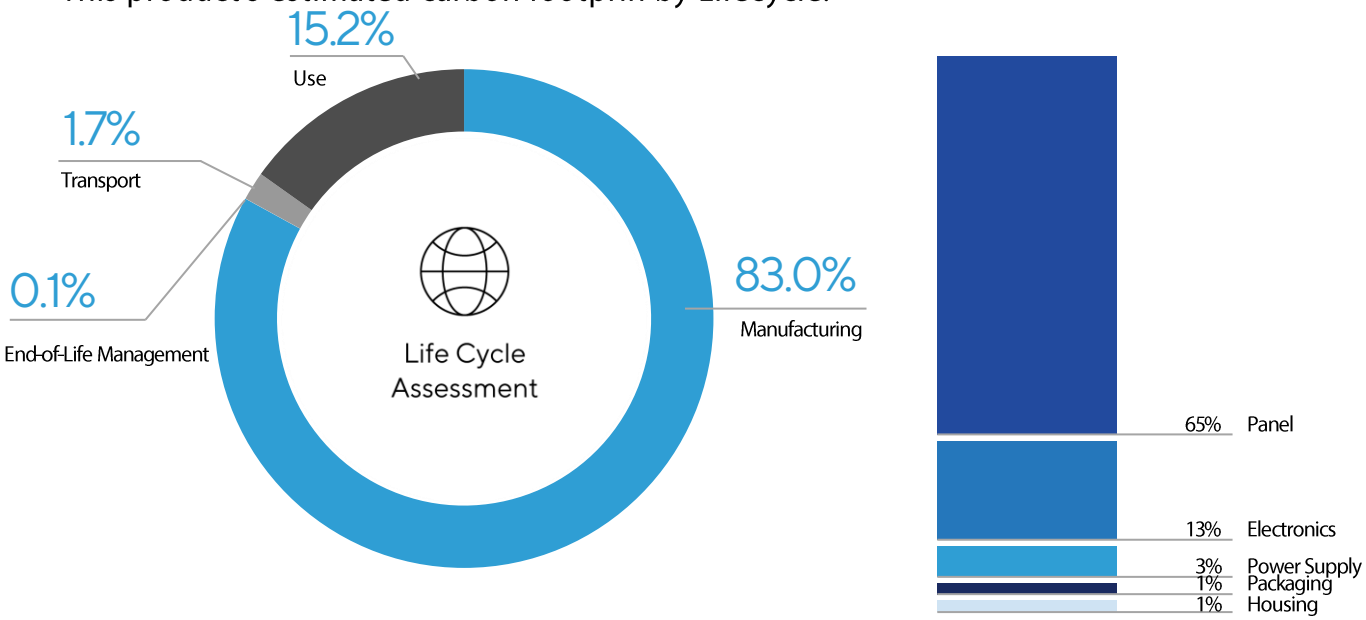
HOW WE CONDUCT

Product Carbon Footprint (PCF) is calculated using PAIA (Product Attribute to Impact Algorithm), PAIA tool is a streamlined Life-cycle assessment (LCA) tool developed by MIT's Material System Laboratory and methodology was following IEC TR 62921:2016. Throughout the entire life cycle of a product, and the assessment includes the contributions material extraction, manufacturing, packaging and ship, use and end-of-life management.

WHAT WE PRESENT

There are many variety factors including the device configuration influence the result of product carbon footprint. ASUS show the 5th and 95th percentile value and the means GHG result included standard deviation of carbon footprint estimate to reflect that uncertainty. For this product, the show the 5th and 95th percentile of carbon footprint estimate, 200 Kg CO2e and 801 Kg CO2e, and that estimate has a mean of 396 Kg CO2e and standard deviation of 107 Kg CO2e.

This product's estimated carbon footprin by Lifecycle:



About the data

Methodology

Estimated emissions are calculated using PAIA Notebook Tool Version 1.4.0, copyright by the ICT Benchmarkgin collarboration inculding the Massachusetts Institue of Technology's Material Systems Laboratory and partners. Results shownn here are subjuect to changed as the tool is updated.

Modular design:

90% materials and parts are easy to recycle and reuse in waste treatment plants

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ASUS' sustainability effort