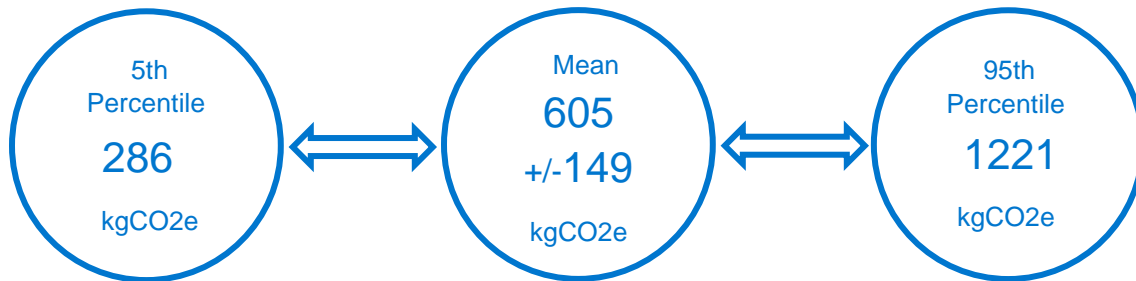# DELLTechnologies

Product Carbon Footprint

Dell U2724D Monitor

Report Produced August 2023

At Dell Technologies we are working to reduce the environmental impact of our products. We look at every part of the product's lifecycle, from materials, manufacturing, and shipping to use and end-of-life management after it leaves our doors.

To calculate this Dell Technologies uses PAIA (Product Attribute to Impact Algorithm) to perform product carbon footprints. PAIA is a streamlined Life-Cycle Assessment (LCA) tool developed by MIT's Materials System Laboratory. It takes into consideration important attributes of the product which can be correlated to activities in order to calculate the product carbon footprint.

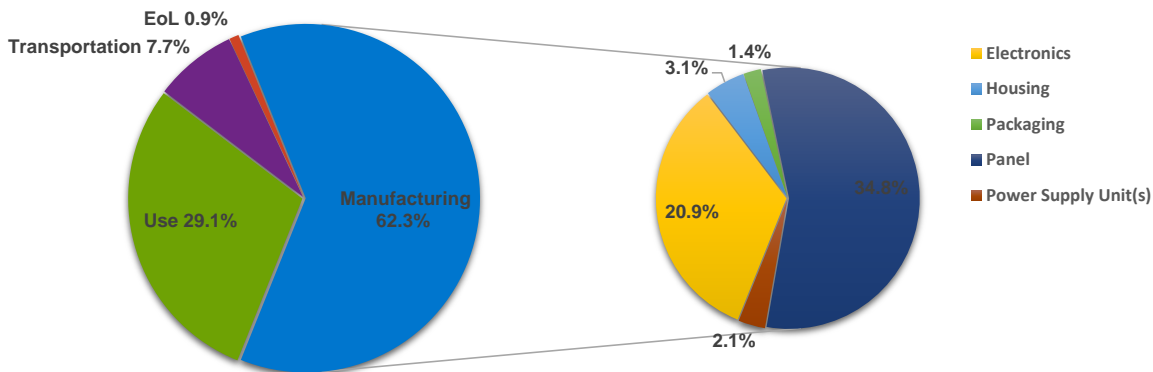| 5th Percentile 286 kgCO2e | ⟷ | Mean 605 +/-149 kgCO2e | ⟷ | 95th Percentile 1221 kgCO2e |

Carbon footprint calculations have a wide range based on a variety of factors including how the device is configured, where it was manufactured and more. Dell Technologies reports the 5th and 95th percentile of the carbon footprint estimate to reflect that uncertainty. For this product, that estimate has a mean of 605 kg of CO2e and standard deviation of 149 kg of CO2e.

Assumptions for calculating product carbon footprint:

Product Weight	6.22 kg	Screen Size	27"	Assembly Location	China
Product Lifetime	5 years	Use Location	EU	Energy Demand (Yearly TEC)	71.2 kWh

ESTIMATED IMPACT BY LIFECYCLE STAGE

- EoL 0.9%
- Transportation 7.7%
- Use 29.1%
- Manufacturing 62.3%
- 1.4%
- 3.1%
- 20.9%
- 2.1%

Legend:
- Electronics
- Housing
- Packaging
- Panel
- Power Supply Unit(s)

Learn more about what Dell is doing to reduce our impact and track our progress with our annual Progress Made Real Report at Dell.com/Sustainability