

Product Carbon Footprint



Lenovo 100w Gen 5

Machine Types: 83LD,83LE

Device Type: Notebook

Report Date 03/21/2025



Lenovo values our commitment to the environment. As part of that commitment, Lenovo performs a streamlined product life cycle analysis in accordance with the IEC TR 62921 standard. This analysis allows the customer to estimate the carbon footprint of their product. The carbon footprint is the total green-house gases emitted by the product over its lifespan reported as global warming potential for 100-year time horizon (GWP-100) in units of CO₂ equivalents

Estimated carbon footprint of the: **Lenovo 100w Gen 5**

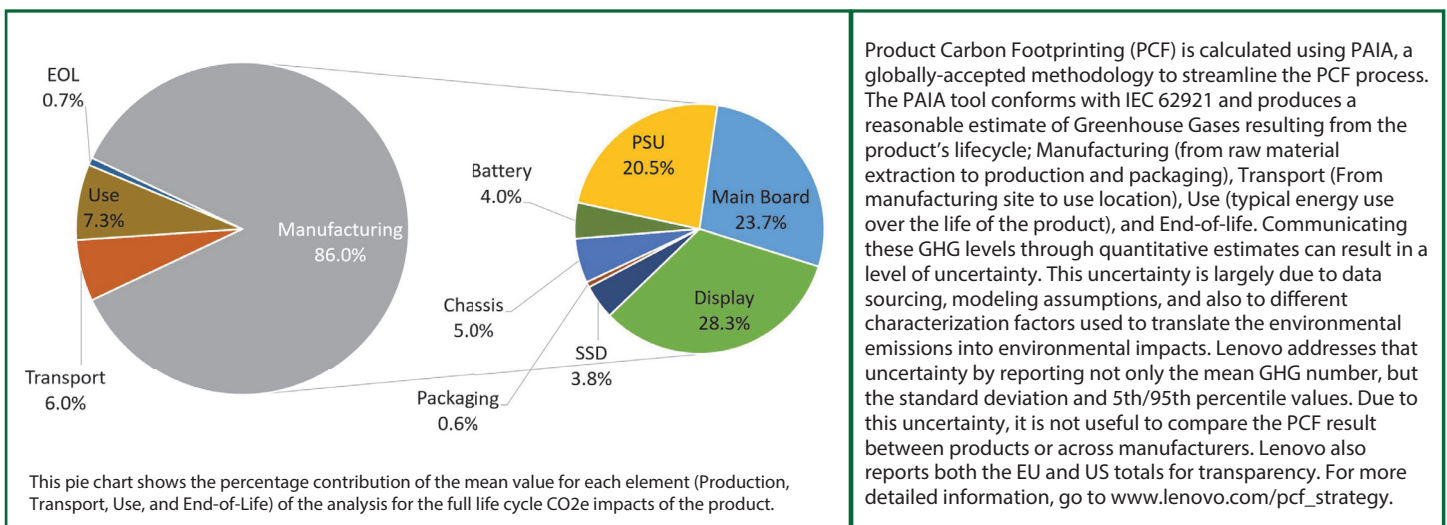
153 kg CO₂e
Mean Value

± 26 kg CO₂e
Standard Deviation

This estimate uses the assumptions from the table below (Based on EU use location. U.S. estimates below):

Product Weight (kg)	1.23	Product Screen Size (inches)	11.6	Assembly Location	CN
Product Lifetime (years)	4	Yearly Typical Energy Use (kWh)	12.33	Use Location	EU

Below is a breakout of the carbon emissions of this product by both lifecycle stage (raw material extraction through product end-of-life) and greenhouse gases resulting from the manufacture of major components:



Mean (EU):	153	5th Percentile (EU):	95	Mean (US):	165
Standard Deviation (EU):	26	95th Percentile (EU):	308	Standard Deviation (US):	24