

Product Carbon Footprint

Lenovo

LOQ 15ARP10E

Machine Types: 83S0

Device Type: Notebook

Report Date 09/02/2025



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

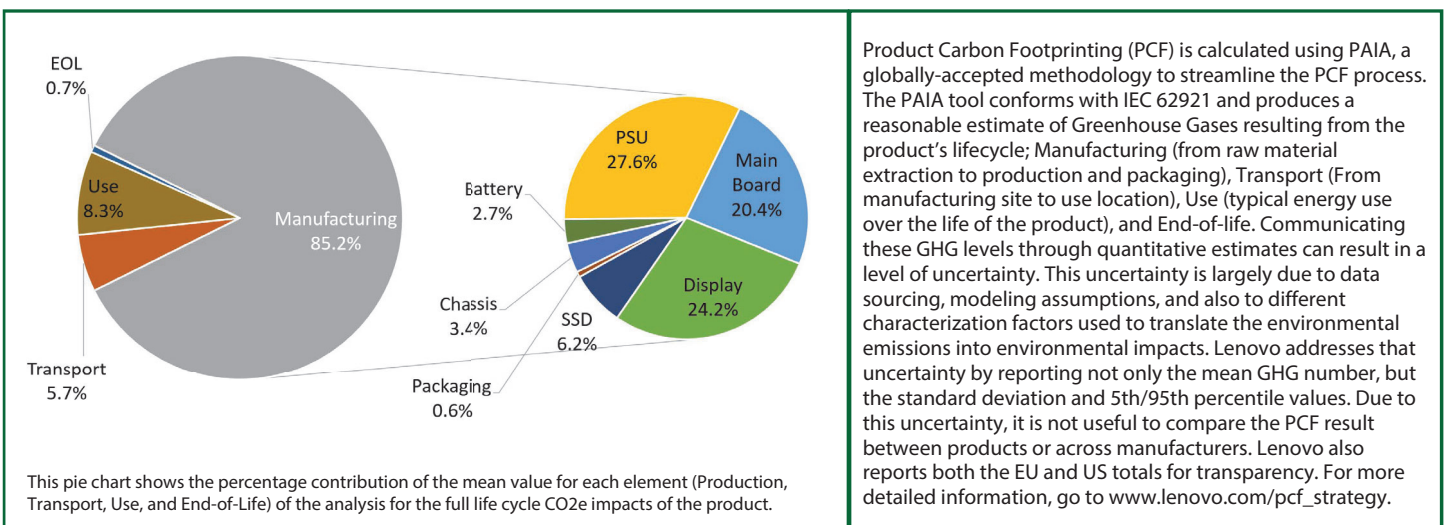
Estimated carbon footprint of the: LOQ 15ARP10E

225 kg CO₂e
Mean Value**± 46 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)	1.77	Product Screen Size (inches)	15.6	Assembly Location	China
Product Lifetime (years)	4	Yearly Typical Energy Use (kWh)	20.73	Use Location	Europe

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):	225	5th Percentile (EU):	132	Mean (US):	241
Standard Deviation (EU):	46	95th Percentile (EU):	494	Standard Deviation (US):	43