

Product Carbon Footprint

Legion R27qc-30

Machine Types: 67C6

Device Type: Monitor

Report Date 07/11/2024



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: **Legion R27qc-30**

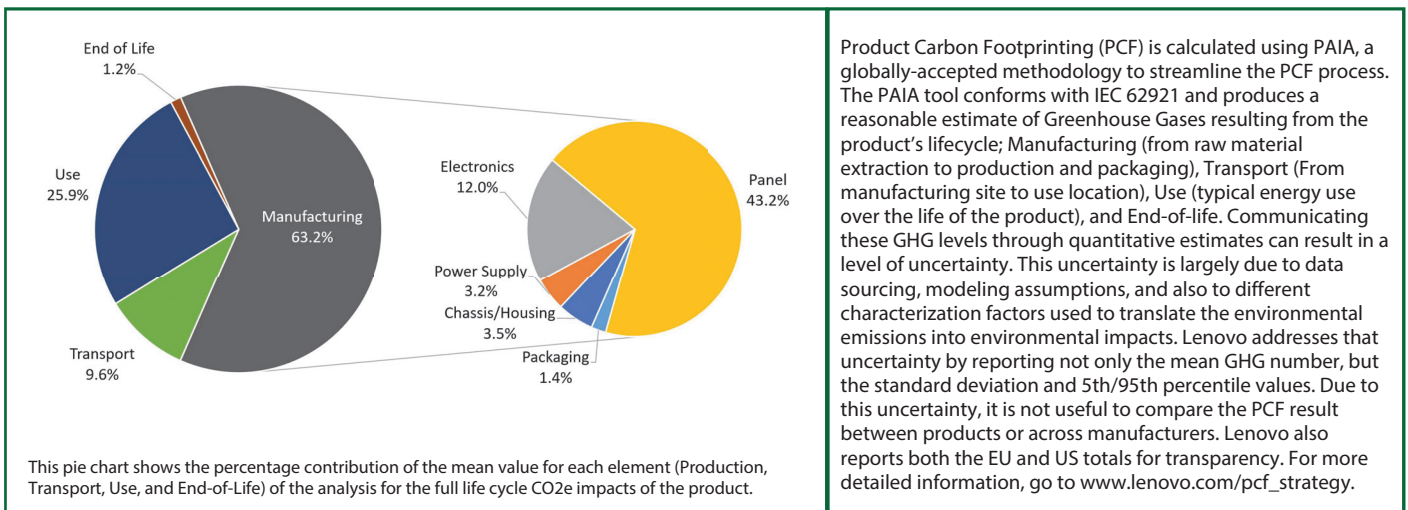
450 kg CO₂e
Mean Value

± 112 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)	6.10	Product Screen Size (inches)	27.0	Assembly Location	China
Product Lifetime (years)	4	Yearly Typical Energy Use (kWh)	59.6	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):	450	5th Percentile (EU):	216	Mean (US):	442
Standard Deviation (EU):	112	95th Percentile (EU):	929	Standard Deviation (US):	85