

Product Carbon Footprint



ThinkCentre M90a Gen 5

Machine Types: 12SH,12SK,12SL,12SM,12SN

Device Type: All-in-One

Report Date 11/30/2023



Lenovo values our commitment to the environment. As part of that commitment, Lenovo performs a streamlined product lifecycle 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: **ThinkCentre M90a Gen 5**

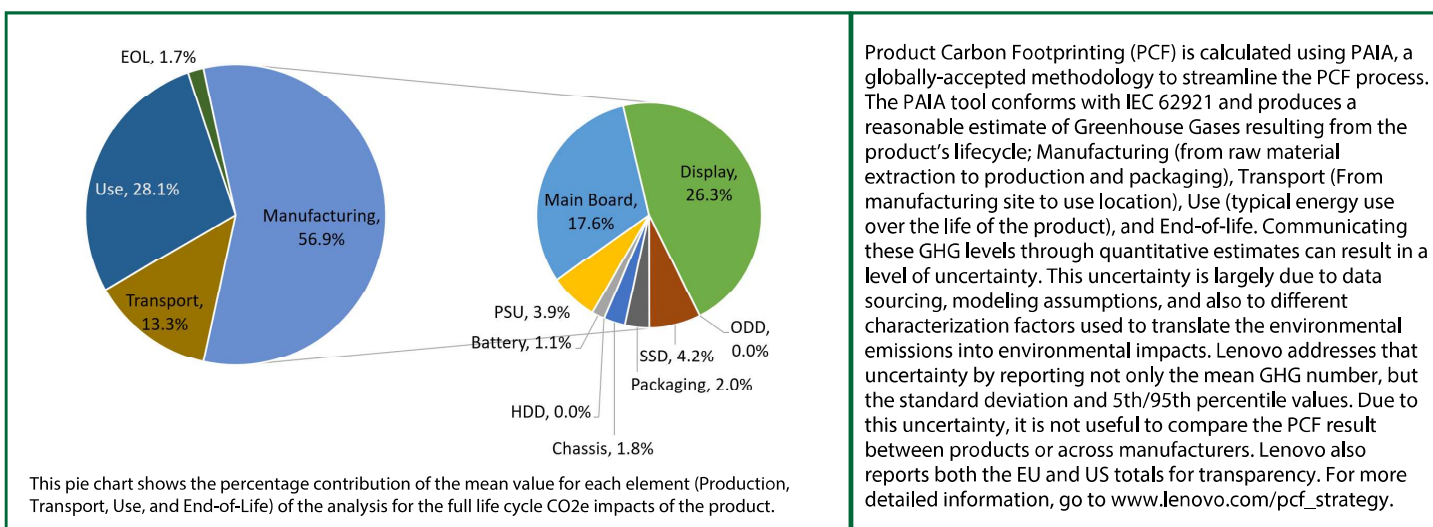
430 kg CO₂e ±

135 kg CO₂e

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

Product Weight (kg)	8.13	Product Screen Size (inches)	24.0	Assembly Location	CN
Product Lifetime (years)	4	Yearly Typical Energy Use (kWh)	61.1	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):	430	5th Percentile (EU):	208	Mean (US):	431
Standard Deviation (EU):	135	95th Percentile (EU):	1094	Standard Deviation (US):	108