

PROLITE XB2797HSN-B1 27"



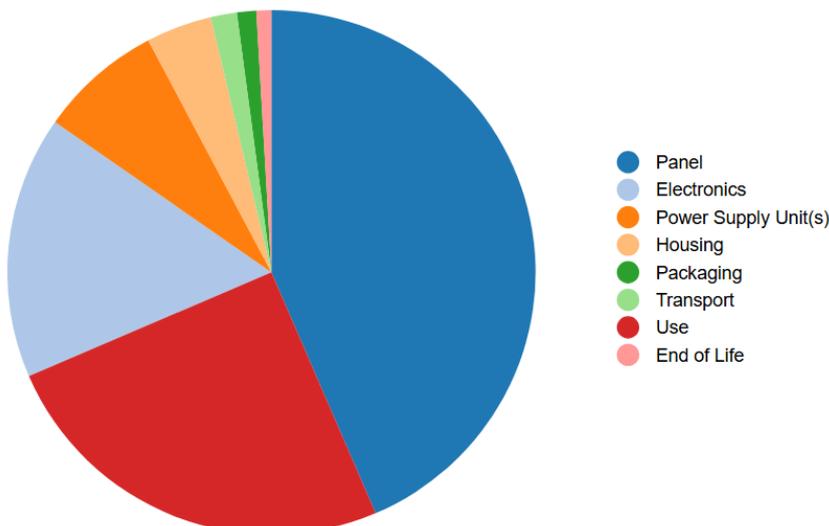
iiyama is committed to its customers and continuously works to minimize the environmental impact of its products. We evaluate product carbon footprint (PCF) across the entire product lifecycle —from design to end-of-life—including contributions from materials (including raw material extraction), manufacturing, distribution, use, and end-of-life management.

This product’s estimated carbon footprint:

434 kgCO₂e +/- 108 kgCO₂e

Estimated impact by lifecycle stage with breakout for manufacturing by component:

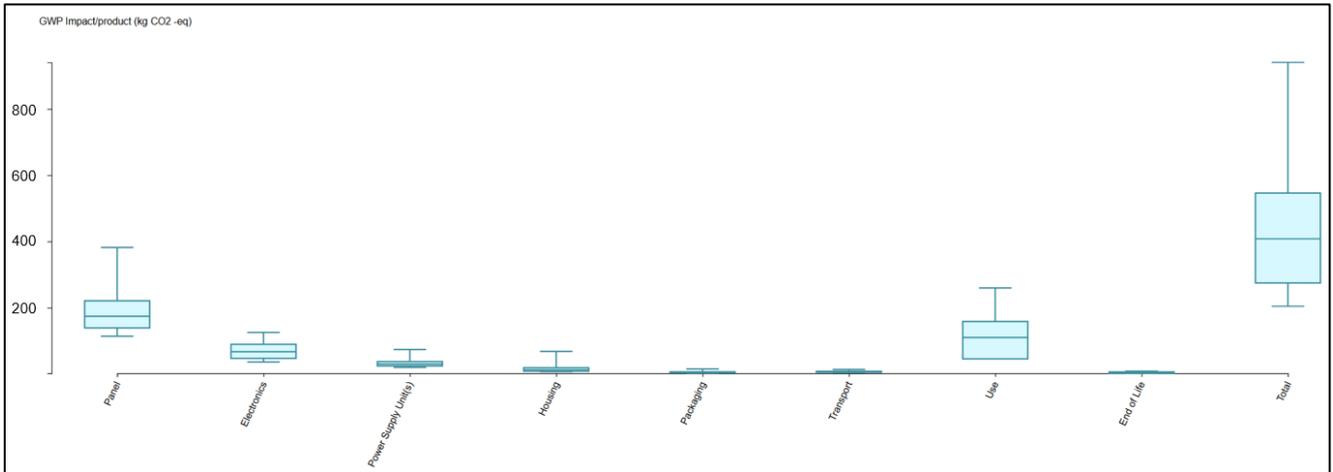
iiyama uses PAIA (Product Attribute to Impact Algorithm) to perform product carbon footprints. PAIA meets IEC TR 62921 requirements and is a streamlined LCA tool developed by MIT’s Materials System Laboratory. It considers the life cycle of the product in order to calculate the product carbon footprint. The "Review Report for PAIA PCF Methodology" provided by MIT also declares that the data calculated through this tool is reported as global warming potential for a 100-year time horizon (GWP-100) in units of CO₂ equivalents.



Manufacturing & Raw Material Extraction	Panel	43.54%
	Electronics	16.20%
	Power Supply Unit(s)	7.56%
	Housing	4.02%
	Packaging	1.19%
Transport		1.60%
Use		24.97%
End of Life		0.91%

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We are committed to transparency; the figure below shows the degree of uncertainty that exists in the PAIA model of product carbon footprint. These uncertainties may arise from data discrepancies, biases, and methodological use.



Assumptions for calculating product carbon footprint:

Product Weight	5.4 kg	Screen Size	27"
Native Resolution	1920 x 1080	Product Lifetime	3-6 years
Energy Consumption (Yearly TEC)	54.81 kWh	Use Location	Europe

434 kgCO₂e

We disclose product carbon footprint values to help our stakeholders understand. Please remember that these are approximations only and should not be used for emissions inventories or formal carbon footprinting operations.

The carbon footprint of one of these products is equivalent to CO₂ emissions from:

 **0.058** homes' energy use for one year

 **42.6** gallons of diesel consumed

The equivalent data are referred to [Greenhouse Gas Equivalencies Calculator](#) of US.EPA.



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