

Product carbon footprint

HP Z22n Narrow Bezel IPS Display



Estimated impact

290
kgCO₂e

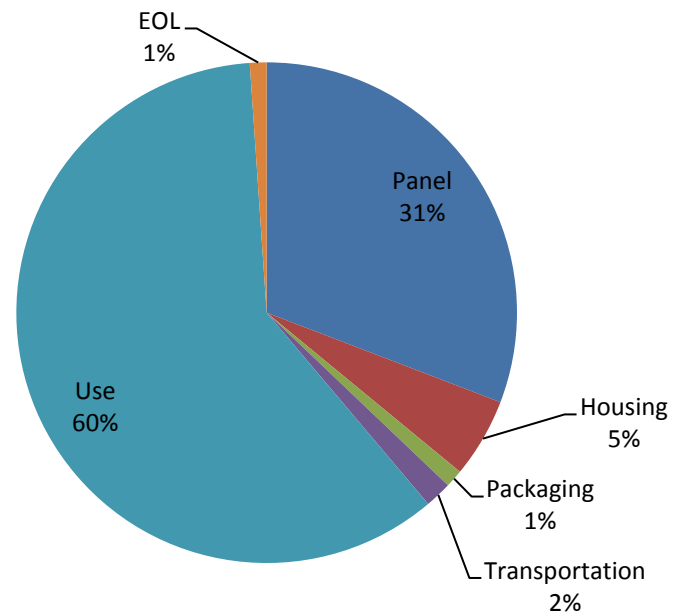
+/- 40 kgCO₂ e (average with one standard deviation) is the estimated impact of HP Z22n Narrow Bezel IPS Display in the course of its life cycle



As part of HP's commitment to continually improving the environmental performance of our products, we are focusing on better understanding the impacts that occur at different stages of the product life cycle through the use of product carbon footprinting (PCF). A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. It includes emissions from materials extraction, manufacturing, distribution, use, and end-of-life management.

The information provided here is weighted average values based on sales for the referenced product category.

GHG emissions [percentage of total]

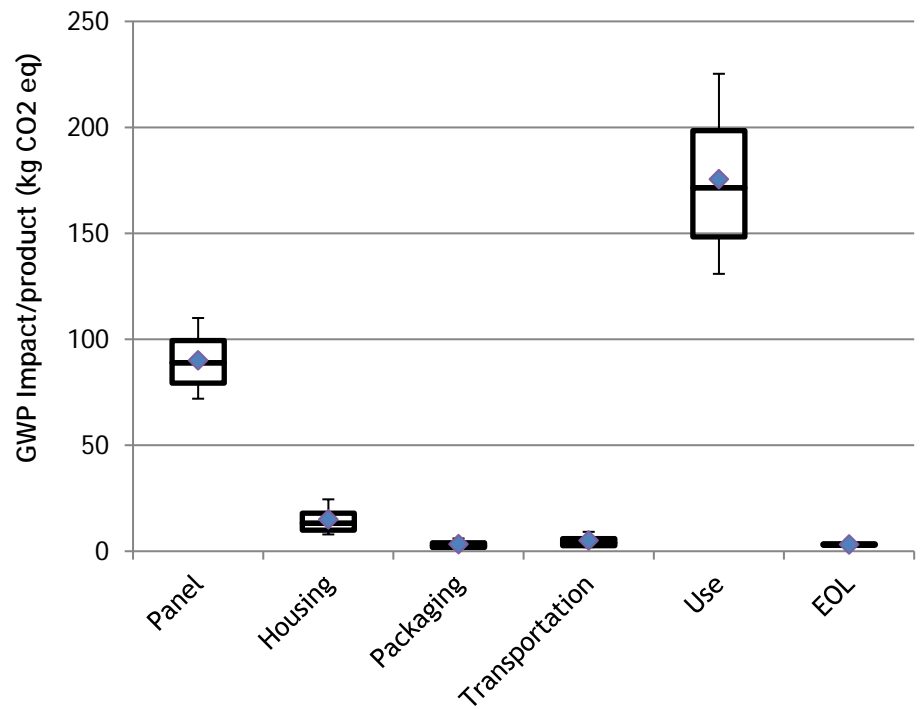


The plot below shows the uncertainty associated with the various elements of the product carbon footprint. Uncertainty in product carbon footprinting stems from differences in the data, assumptions, and methodology used. Since uncertainty can be quite large, results should not be compared with those of other products, but rather are intended to inform product design and life cycle management decisions.

Disclaimer

This calculation was done using the Product Attribute to Impact Algorithm (PAIA) methodology. PAIA was developed in collaboration with researchers from the Massachusetts Institute of Technology with the support of several computer manufacturers, suppliers and government organizations. PAIA estimates the carbon footprint of different PC products, including uncertainty of the result. Uncertainty is included in order to provide our customers with greater transparency in estimation results. The PAIA tool is not released for use by the public; results shown here are based on a draft version of this tool and are subject to change as the tool is updated.

GHG emissions [kg CO2 eq]



Assumptions

Lifetime of product	5 years
Use location	EU
Use energy demand (ON Mode)	17.53 Watts
Use energy demand (OFF Mode)	0.5 Watts
Screen size	21.5 inches
Product weight	4.95 kg
Resolution	1920*1080
Bulb type	LED
Number of optical drives	0
Housing weight	2.781 kg
Final manufacturing location	China

Additional product environmental performance

Additional information about product carbon footprinting can be found in our yearly Living Progress Report. Also available at the links below are IT Eco Declarations which provide product-specific environmental information as well as information HP’s product recycling programs.

[Product return and recycling](#)
[IT Eco Declarations](#)

