



# PowerEdge R7525

Report produced January 2022

From design to end-of-life and everything in between, we work to improve the environmental impact of the products you purchase. As part of that process, we estimate the specific impacts throughout the lifecycle. This includes the contributions from materials, manufacturing, distribution, use and end-of-life management.



This product's estimated carbon footprint:

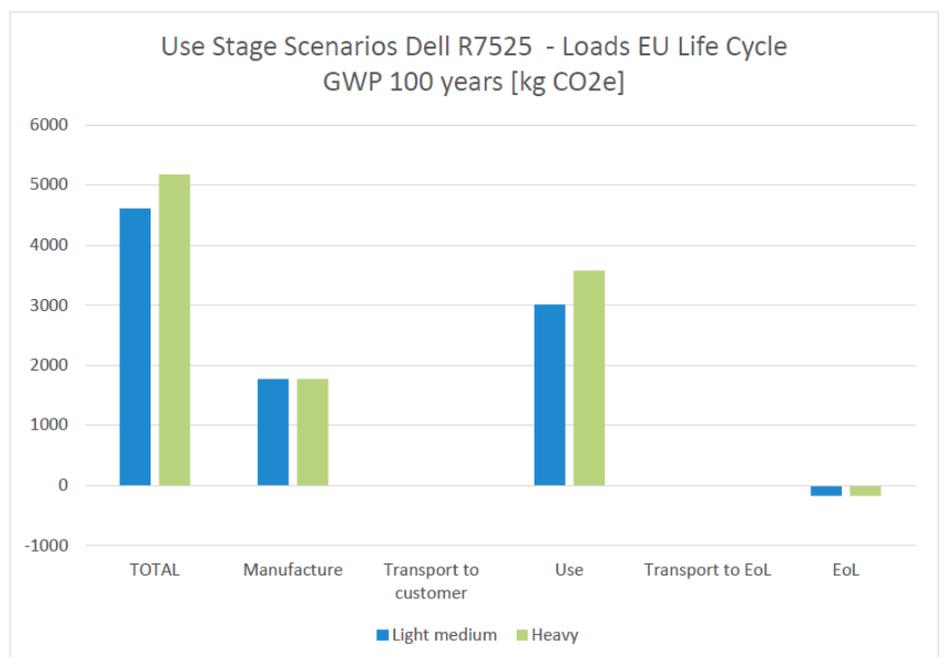
# 4620 kgCO<sub>2</sub>e +/-\*

Estimated impact by lifecycle stage is outlined in the below graph:

\*The product carbon footprint data generated in this report was created using the GaBi 10 Software system for life cycle engineering, developed by Sphera Solutions Inc.

To view the full Life Cycle Analysis report click [here](#).

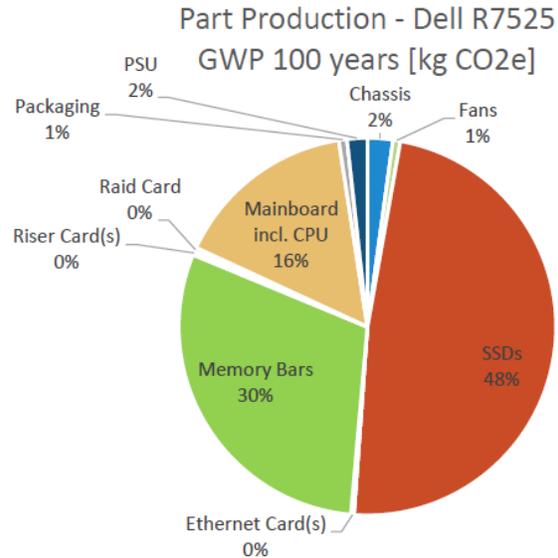
Documentation for all GaBi datasets can be found online (Sphera Solutions Inc., 2020).





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As part of our commitment to transparency, the graph to the right presents the contribution of the different parts to the total impact resulting from the part production (not including assembly).



Assumptions for calculating product carbon footprint:

<b>Product Weight</b>	27.7 kg	<b>Server Type</b>	Rack	<b>Assembly Location</b>	EU
<b>Product Lifetime</b>	4 years	<b>Use Location</b>	EU	<b>Energy Demand (Yearly TEC)</b>	<b>Light Medium:</b> 1888.5 kWh <b>Heavy:</b> 2234.4 kWh
<b>HDD/SSD Quantity</b>	2	<b>DRAM Capacity</b>	16 * 16 GB	<b>CPU Quantity</b>	2

## 4620 kgCO2e



**1 of these products...**  
has a footprint approx.  
equivalent to **driving 11319 miles** in a passenger car.

To help our customers and other stakeholders contextualize product carbon footprint values, we provide these approximate equivalencies. Please remember these are estimates and should not be used for emission inventory or formal carbon footprinting exercises.



**10 of these products...**  
have a footprint approx.  
equal to what **54.4 acres of US forests** can absorb in a year.



**100 of these products...**  
have a footprint about the same as the annual average carbon footprint of **92 people**.

Calculations are based on the following methodologies: 2.45 miles driven per 1 kg co2e (source: [U.S. EPA](#)); approx. 850 kg co2e absorbed per acre of forests over a year (source: [U.S. EPA](#)); global personal carbon footprint estimated at 5 MTco2e per person (source: [World Bank](#)).

Disclaimer: This PCF was calculated using the GaBi 10 Software system (2021) for life cycle engineering, developed by Sphera Solutions Inc. Results shown here are subject to change as the Software system is updated.

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