BROCADE
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Carbon Footprint Report

Brocade® G630 Fibre Channel Switch

Report Produced April 2024

Power consumption and environmental impact are important considerations for customers, and Brocade has led the way in power efficiency for many years. The Brocade hardware engineering teams have achieved much higher levels of integration in Brocade® hardware, leading to dramatically lower power consumption for Brocade storage networking hardware. We strive to be efficient throughout the product lifecycle, from design, manufacturing, packaging, and shipping, to the use of our products, to end-of-life.

This report was produced to provide an estimate of the potential carbon impacts of a product for the customer using the Product Attributes to Impact Algorithm (PAIA) model, developed by the Massachusetts Institute of Technology's Materials Systems Laboratory and partners, Version 1.4, copyright by the ICT Benchmarking collaboration including the Massachusetts Institute of Technology's Materials Systems Laboratory and partners. The information in this report is subject to change as the model, tool, or data inputs are updated.

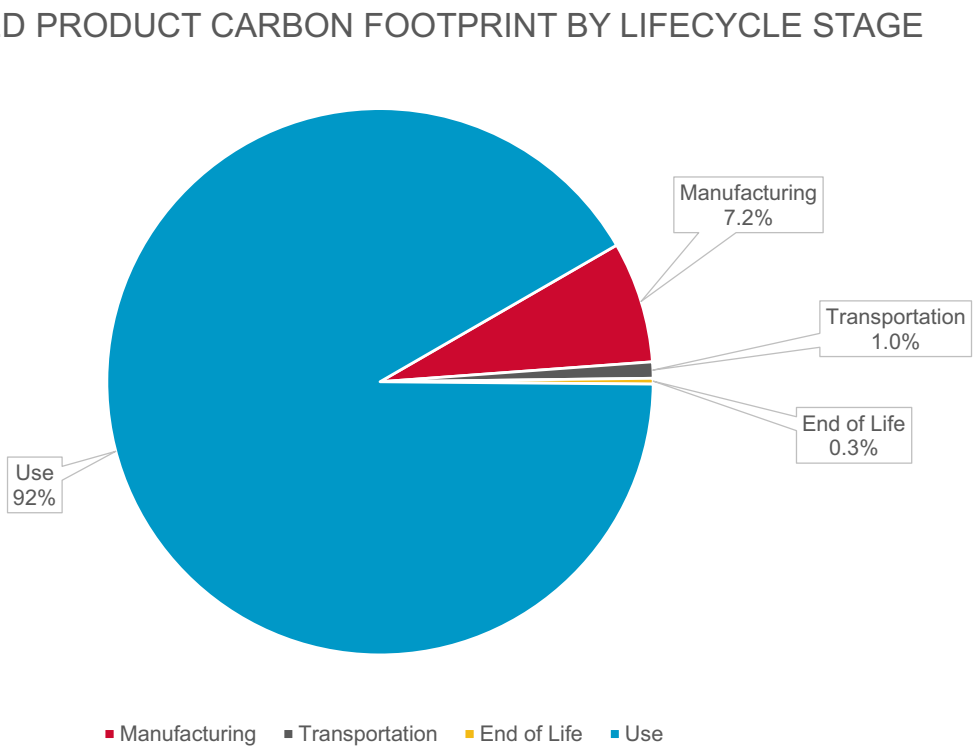
Figure 1: Brocade G630 Fibre Channel Switch Carbon Footprint

Please remember that the product carbon footprint values are only estimates; therefore, the values are subject to uncertainties and should not be used for emissions inventories or formal carbon footprinting exercises. Actual product carbon footprint values may vary depending on a number of factors, including how the device is configured and used, where it is deployed, and what type of power source is used. The carbon intensity of the energy sector varies considerably from country to country. Broadcom provides the 5th percentile and the 95th percentile numbers to reflect the possible range. For the Brocade G630 Fibre Channel Switch, the estimated mean product carbon footprint is 8999 kg of CO2e, with a standard deviation of 5369 kg of CO2e.

The assumptions used for these calculations are as follows:

Product Type	Fibre Channel Switch	**Port Count Minimum**	48
Product Weight	21.73 kg	**Port Count Maximum**	128
Product Lifetime	4 years	**PSU Count**	2
Use Location	Europe	**Final Assembly Location**	Czech Republic

Figure 2: Brocade G630 Fibre Channel Switch Carbon Footprint Lifecycle



To learn more about what Broadcom is doing regarding Environmental, Social and Governance impacts, go to: www.broadcom.com/company/citizenship