



# WLAN-Box 3

## Overview

Module Weight 644 g  
 Year of Release 2022

### Accessories

- Power Supply
- Ethernet Cable



Total Carbon Footprint	67.5	kg CO <sub>2</sub> -eq
Production	29.0	kg CO <sub>2</sub> -eq
Use Phase	38.4	kg CO <sub>2</sub> -eq
End of Life	0.1	kg CO <sub>2</sub> -eq

Comparison (Emissions of carbon footprint equals)

360 km or 8400 km

## Method

EBP calculated the Product Carbon Footprint (PCF) of this product based on the PCF of the TV-Box 5 (life cycle inventory database ecoinvent v3.8). The PCF was assessed with IPCC 2021 Global Warming Potential 100a.

### Considered life cycle stages («cradle-to-grave»)

- **Production:** Raw material extraction, transport to manufacturing site, production of module and accessories, packaging and transport to Switzerland.
- **Use Phase:** Electricity consumption in Switzerland (over a period of 5 years with the assumption of an average Swiss electricity mix).
- **End of Life:** Recycling and incineration in Switzerland.

### Comparison with car and train journeys

Average fleet passenger car (pkm)

Regional train (SBB electricity mix; pkm)

Source: mobitool v3.0

*Values have been rounded to relevant decimal places*