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# Product Carbon Footprint Analysis

**Product:** xnpzxmvmjwj

**Report Date:** May 20, 2026

**Standard:** GHG Protocol

[carboncalcpcf.com](https://carboncalcpcf.com)

**53.28 kgCO<sub>2</sub>e**

Total PCF per unit

**53.28 kgCO<sub>2</sub>e**

Total Footprint

**53.28 kgCO<sub>2</sub>e/unit**

Carbon Intensity

**Circuit Board (PCB)**

Top Material Hotspot

**Scope 3, Cat 1**

Primary Emission Scope

## Lifecycle Stage Breakdown

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|                                |                                   |
|--------------------------------|-----------------------------------|
| Materials (Scope 3, Cat 1)     | 32.60 kgCO <sub>2</sub> e (61.5%) |
| Use Phase (Scope 3, Cat 11)    | 12.50 kgCO <sub>2</sub> e (23.6%) |
| Production (Scope 2)           | 6.88 kgCO <sub>2</sub> e (13.0%)  |
| Logistics (Scope 3, Cat 4 & 9) | 1.05 kgCO <sub>2</sub> e (2.0%)   |
| End-of-Life (Net Saving)       | <b>-9.75 kgCO<sub>2</sub>e</b>    |

Note: End-of-Life shows a net carbon saving due to high recyclability and circular programs.

