

## Life Cycle Assessment Report



### F110 FULLY RUGGED TABLET

#### Background

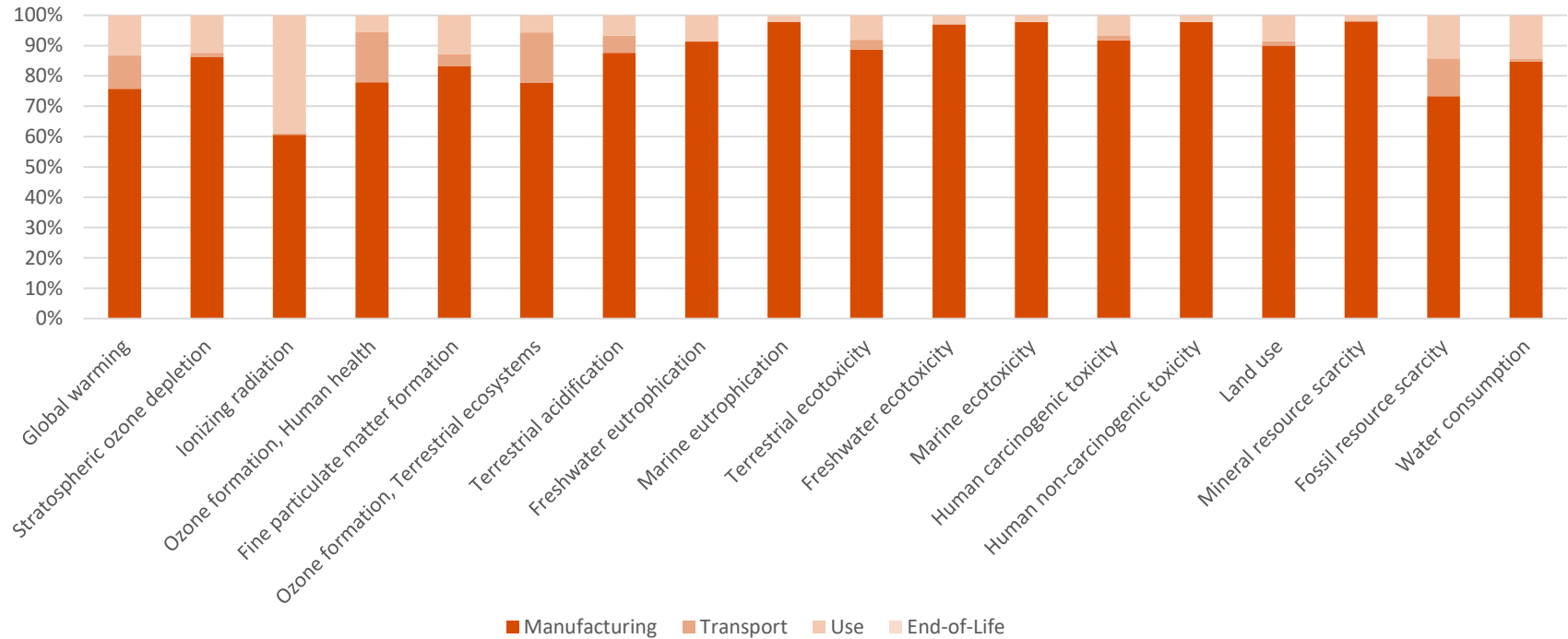
Getac Technology Corporation has recently conducted a life cycle assessment (LCA) of its tablet product, the F110. This report summarizes the environmental impact categories considered, along with the results of the impact assessment across stages of the product life cycle: manufacturing, transport, use, and end-of-life phases (“cradle-to-grave”). Critical review of this study result was done by third-party on August 8, 2024.

#### Evaluation Factors

|                              |                                                                                                                           |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Methodology                  | Life cycle assessment is calculated regarding compliance with requirements of ISO 14040 and ISO 14044                     |
| Boundary                     | Manufacturing, transport, use, and end-of-life                                                                            |
| Product Lifetime             | 3 Years                                                                                                                   |
| Database                     | Ecoinvent v3.10                                                                                                           |
| Method for Impact Assessment | Lifecycle impact assessment according to ReCiPe 2016 Midpoint (E) V1.09 / World (2010) E provided in the SimaPro v9.6.0.1 |
| LCA Software                 | SimaPro v9.6.0.1                                                                                                          |

The LCA results are detailed in the characterized environmental impacts on the next page:

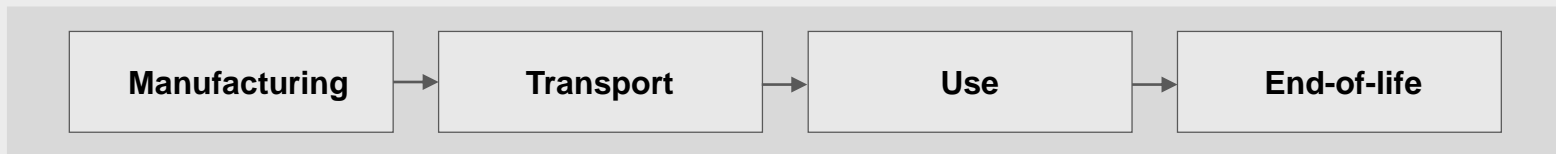
## Characterized Environment Impact



|               |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| End-of-Life   | 0.05%  | 0.02%  | 0.01%  | 0.01%  | 0.01%  | 0.01%  | 0.01%  | 0.03%  | 0.17%  | 0.00%  | 0.00%  | 0.00%  | 0.00%  | 0.00%  | 0.00%  | 0.03%  | 0.02%  | 0.00%  |
| Use           | 13.18% | 12.40% | 39.03% | 5.53%  | 12.77% | 5.68%  | 6.71%  | 8.46%  | 1.87%  | 8.13%  | 2.91%  | 2.14%  | 6.59%  | 2.15%  | 8.58%  | 1.76%  | 14.23% | 14.38% |
| Transport     | 11.00% | 1.42%  | 0.34%  | 16.53% | 4.04%  | 16.52% | 5.62%  | 0.19%  | 0.17%  | 3.17%  | 0.08%  | 0.12%  | 1.65%  | 0.10%  | 1.48%  | 0.23%  | 12.43% | 0.96%  |
| Manufacturing | 75.77% | 86.16% | 60.63% | 77.93% | 83.18% | 77.79% | 87.66% | 91.32% | 97.79% | 88.70% | 97.00% | 97.74% | 91.76% | 97.75% | 89.94% | 97.98% | 73.32% | 84.72% |

## The System Boundary of Life Cycle Inventory

The product's life cycle stages including Manufacturing, Transport, Use, and End-of-Life. Below is a brief description of each phase.



**Manufacturing:** Includes the raw material extraction, manufacture, transportation of raw materials, as well as the manufacture, transport, assembly, and packing of all parts.

**Transport:** Includes air, ocean, or road transportation of the finished product from the point of final product assembly to the customer or product ownership.

**Use:** Assumes a three-year period. In-use energy consumption is calculated using the U.S. Environmental Protection Agency's Energy Star® Typical Energy Consumption (TEC) methodology.

**End-of-life:** The recycling rate is calculated based on the WEEE guideline's recycling rate. It is assumed that the remaining product waste materials are disposed of in landfills. Processes such as mechanical destruction, separation, and transportation of end-of-life materials are also included in the scope of the assessment.

### Disclaimer

This information sheet contains a description of life cycle assessment for this declared product, which is based on estimates of the current state of the product life cycle but is subject to known or unknown risks or uncertainties, so actual results may be different from the statement. The information contained herein is subject to change without notice and Getac Technology Corp. shall not be liable for technical or editorial errors or omissions contained herein.