Surface Book 2 15”
Eco profile



Physical features

Device

Weight[1]	1905 g
Dimensions	34.3 cm x 25.1 cm x 1.5-2.3 cm

Packaging

Weight	1108 g
Dimensions	37.9 cm x 28.8 cm x 6.0 cm
Volume	6,549 cm^3
Materials	Folding carton, corrugated, paper board, molded pulp, plastic

Environmental features

Meets ENERGY STAR® 7.1

EPEAT® Bronze rated in the U.S.[2]

Packaging 93 percent recyclable[3]

Environmental impact

Greenhouse gas emissions	232 kg CO_2-equivalent
Energy use	3150 MJ

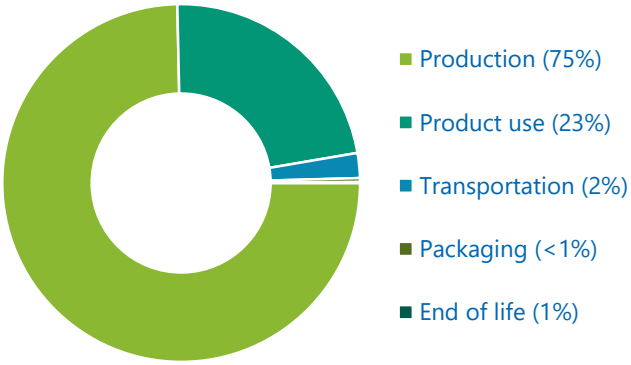
These figures represent the estimated environmental impact[4] across the product's life cycle. The calculations are based on the Intel® Core™ i7 16GB 256 GPU configuration and include the main device, power supply unit, and packaging. Other accessories are not included.

The greenhouse gas emissions and energy use figures are based on a Life Cycle Assessment in accordance with ISO 14040 and ISO 14044 complemented by ICT specific ETSI TS 199 and ITU-T L 1410. The Life Cycle Inventory (LCI) data is based on our own measurements, collected from suppliers, and internationally available LCI databases.

The system boundaries include extraction of raw materials, upstream materials preparation, electronic component manufacturing, subassembly manufacturing and assembly, final assembly, distribution to customer, 3 years of product use, and end-of-life treatment.

Software and hardware design impacts are captured in our corporate carbon footprint and excluded from the individual product LCA calculations.

Find out more about the environmental impact of our products at https://www.microsoft.com/en-us/environment/product/design



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Energy efficiency

This device meets the requirements of the ENERGY STAR Computer Specification Version 7.1 and EU Commission Regulation for Standby and Off Mode Power Consumption for Electronic Household and Office Equipment 1275/2008.

The power supply meets European Union Ecodesign Directive for Energy Related Products 2009/125/EC (ErP Directive) and Ecodesign regulation for external power supply (EC) No 278/2009.

Off	0.4 W	0.2 W	0.4 W
Sleep	0.8 W	0.8 W	0.8 W
Idle	6.4 W	7.2 W	7.1 W
Input	100 V	115 V	230 V

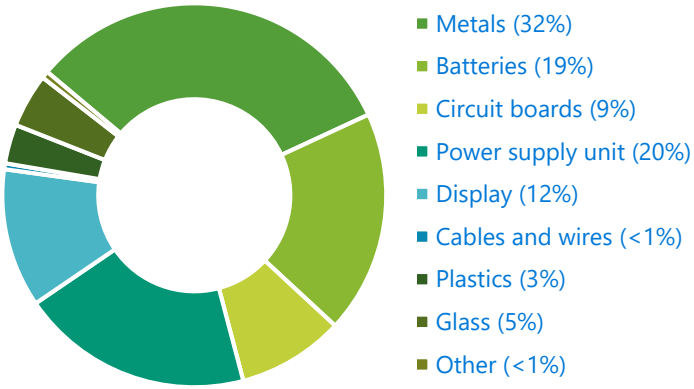
ENERGY STAR estimated annual energy consumption[5] 23.0 kW

Find out more about energy efficiency at www.microsoft.com/en-us/environment/resources

Materials used

Through careful material selection, we aim to reduce the environmental impact of our products. The chart shows the estimated proportions of the materials used to create this device.

Find out more about the materials used to create our products at www.microsoft.com/about/csr/environment/sustainable_devices/compliance-and-sustainability-in-product-design/



Restricted substances

We take a precautionary approach to substance management. We follow legislative developments and research regarding chemical impacts on health and environment and update our specifications with new product and manufacturing substance restrictions to address risks.

All our products comply with global substance restrictions and with Microsoft policies in cases where restrictions are set that go beyond the regulatory requirement.

This product fully complies with all relevant global regulations, including, but not limited to:

- ✓ **The European Union's Restriction of Hazardous Substances Directive (RoHS) Directive 2002/95/EC as amended by the RoHS Recast Directive 2011/65/EU**
- ✓ **Management Methods on the Prevention and Control of Pollution caused by Electronic Information Products commonly known as "China RoHS"**
- ✓ **European Union's Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) Regulation 2006/1907/EC**
- ✓ **The Montreal Protocol on Substances that Deplete the Ozone Layer**
- ✓ **California (USA) Proposition 65 (Device does not contain chemicals that would trigger notification)**
- ✓ **European Union Battery Directive 2006/66/EC**

Find out more about our Restricted Substance List at www.microsoft.com/about/csr/environment/sustainable_devices/compliance-regulation/

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Packaging

Integrating sustainability into our packaging designs and measuring results is a business priority. We focus on using less packaging and selecting the right materials for the environment. We are committed to designing and delivering packaging materials that achieve measurable sustainability gains.

Packaging weight is minimized. It is 93 percent recyclable on average by weight and 80 percent of our molded pulp is bagasse, a byproduct of sugar cane processing.

Our packaging does not contain hazardous or restricted substances such as polyvinyl chloride (PVC), and is fully compliant with the European Union Packaging and Packaging Waste Directive 1994/62/EC, as amended, and CEN packaging standards EN 13427:2005 as well as US Toxics in Packaging legislation.

Find out more about our packaging at www.microsoft.com/about/csr/environment/sustainable_devices/packaging/

Recycling

Microsoft complies with global electronics recycling laws, including the EU Waste Electronic and Electrical Equipment (WEEE) Directive 2002/96/EC and its Recast 2012/19/EU and other recycling laws in Asia, Latin America and North America. We fulfill recycling obligations and meet information and labelling requirements for covered Microsoft products.



The crossed-out wheeled bin symbol marked on this product signifies that it must not be disposed of with regular household waste and needs to be taken instead to an appropriate collection point.

To help prevent uncontrolled waste disposal and promote the recycling or recovery of materials, always return your used electronic products, batteries, and packaging materials to a dedicated recycling or recovery collection point, if available in your area.

Find out how to recycle your products at www.microsoft.com/about/csr/environment/sustainable_devices/recycling/



[1] Weight of device only, not including power supply unit or any accessories. Weight and dimensions might vary depending on product variant.
[2] Rating refers to EPEAT PCs and Displays 2019 category.
[3] Percent is on average by weight. Recycling facilities for this product and/or packaging may not exist in your area.
[4] The results of a life cycle assessment (LCA) depend on the calculation method, scoping and assumptions used, and they reflect our understanding at the time when published. The results are therefore not directly comparable with those conducted by other parties or at other times.
[5] Configuration: 115 V 60 Hz

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