

Xbox One X

Eco profile

Physical features

Device

Weight¹ 3,810 g
 Dimensions 30 cm x 24 cm x 6 cm

Packaging

Weight 650 g
 Dimensions 47 cm x 13 cm x 31 cm
 Volume 18,603 cm³
 Material Corrugated board and foam



Environmental features



Energy-saving power feature could reduce energy use by as much as 59% a year



Modular design to improve reparability



Meets Games Consoles Voluntary Agreement, [Self-Regulatory Initiative](#), to reduce energy use



Product more than 99 percent recyclable²

Environmental impact

Greenhouse gas emissions 1075 kg CO₂-equivalent
Energy use 15389 MJ

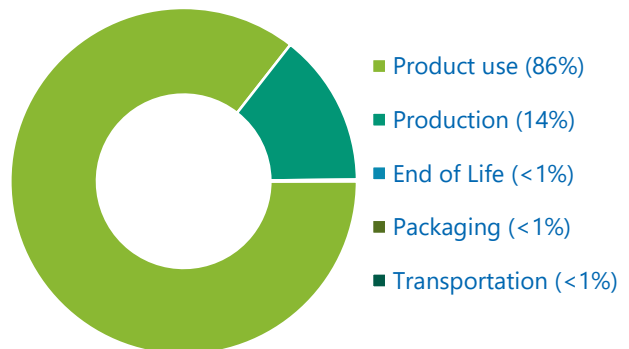
Software and hardware design impacts are captured in our corporate carbon footprint and excluded from the individual product LCA calculations.

These figures represent the estimated environmental impact³ across the product's life cycle. The calculations are based on the Project Scorpio 1TB Edition and include the main device, cables, controller, and packaging. Other accessories are not included.

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

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 device-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, 8 years of product use, and end-of-life treatment.



Energy efficiency

This device meets the requirements of the EU Commission Regulation for Standby and Off Mode Power Consumption for Electronic Household and Office Equipment 1275/2008 and [EU Game Consoles Voluntary Agreement](#).

Xbox can be configured to use either energy-saving or instant-on power mode, depending on preference. Choosing energy-saving mode can reduce energy use of Xbox One X by as much as 59% a year. Find out more about power modes at <https://support.xbox.com/en-US/xbox-one/console/learn-about-power-modes>

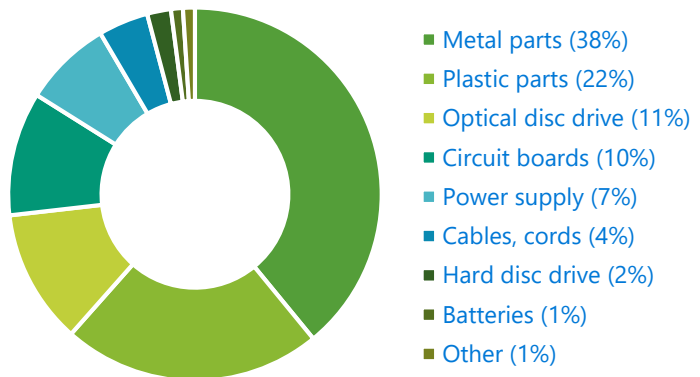
Navigation	46.4 W
DVD playback	51.4 W
Blu-ray playback	54.2 W
HD streaming	52.9 W
Active gameplay	107.6 W
Default auto-power down time setting	60 min
Instant-on standby mode	13.3 W
Energy-saving standby mode	0.29 W

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

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.

Console packaging materials contain an average of 60 percent recycled materials. Packaging weight and printed materials are minimized.

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

This product is more than 99 percent recyclable².

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 console only, not including power cord, controller, or other accessories. Weight and dimensions might vary depending on product variant.

² Percent is on average by weight. Recycling facilities for this product and/or packaging may not exist in your area.

³ 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.