chrome OS

TD SYNNEX

Build a sustainable future with **Chrome OS**

From efficient data centers to purchasing renewable energy at scale, Google is dedicated to doing our part to protect the environment and planet alongside our customers, partners, and larger communities. Google Cloud continues to operate as the cleanest cloud in the industry, even as the amount of computing done in Google data centers continues to grow.

2007
First major company in history to become carbon neutral

2017
First major company to match 100% of its annual electricity use with renewable energy

2019
Made the largest corporate purchase of renewable energy in history

2020
First major company to neutralize its entire legacy carbon emissions

2030
Google is committed to becoming the first major company to operate on carbon-free energy

Chrome OS supports Google's mission with an energy efficient operating system, sustainable hardware, and responsible partners

Carbon free future

Chrome OS is a cloud first platform with features that increase energy efficiency, to become more sustainable over time, resulting in lower overall device carbon footprint.

Responsible energy conservation

Chrome OS devices consume as much as 46% less energy than comparable competitor devices.[1] Chrome OS' power management capabilities offer efficient charging and optimized device performance.

Minimum waste and device longevity

Chrome OS enables e-waste minimization through device sharing, durable components manufactured by OEMs, 8 years of OS updates, and Chrome OS Flex which modernizes PCs and Macs, making them up to 21% more energy efficient. [2]

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Sustainability benefits of Chrome OS across the product life cycle

Consumed
responsibly

Efficient power management capabilities enable as much as 46% less energy consumption.[3]

Upstream

Manufactured
responsibly

Many of our OEM partners build devices with green principles, including recycled materials and responsible manufacturing.

Downstream

Reused and recycled
responsibly

Chrome OS Flex modernizes PCs and Macs, making them up to 21% more energy efficient.[4]

Bringing our sustainability efforts to life

When Kingston and Sutton London Borough Councils deployed over 3,800 Chrome OS devices, they achieved a 32% reduction in energy with the move to Citrix and Acer Chromebooks.

> It was an easy decision to make when we learned how much we would save both financially and in greenhouse gas emissions by cooperating with Google on the conversion to Chrome OS Flex (previously known as CloudReady).
>
> CEO, Nordic Choice Hotels

[1, 3] Determining end user computing device Scope 2 GHG emissions with accurate use phase energy consumption measurement, 2020

[2, 4] Sutton-Parker, J. (2021), ' Quantifying greenhouse gas abatement delivered by alternative computer operating system displacement strategies.' Amsterdam, the Netherlands: Science Direct, Elsevier B.V.